Notes

Apr 19, 2026

AskBeevs - How to model systemmic risk to your ORG

Summary

Initial discussions of agricultural logistics and electric vehicles transitioned into a comprehensive workshop for AI-driven organizational risk modeling.

Agricultural Logistics and EV Views
Discussions on agricultural inputs confirmed a mix of 70% MAP and 30% URA is used for sewing, requiring a new fertilizer shed for proper storage. Electric vehicle performance was praised for its range, but concerns arose about load capacity and the lack of spare tires in new models.

Workshop on AI Risk Modeling
The primary focus shifted to using AI to generate organizational risk models, emphasizing that proactive modeling is more effective than reacting to disasters. The process involves structuring the analysis through layers, grounding the model in global forces, and providing the AI with specific organizational context like an annual report.

Case Study and AI Capability
Southern Ports Authority was selected as the case study for the risk modeling, focusing on the impact of a national fuel crisis across 4 government escalation tiers. The AI generated a detailed report covering

financial, operational, and people impacts, demonstrating its capability to process complex variables and augment human analysis.

Next steps

[Bruce] Build Shed: Construct new fertilizer shed; storing supplies in silos is difficult.

[Timothy Beevor] Share Pack: Distribute the presentation pack/slides used during the AI modeling discussion.

[Timothy Beevor] Send Report: Locate and send the Southern Ports fuel crisis impact analysis report to Paul Robert Mackey.

[Timothy Beevor] Email Documents: Email follow-up documents regarding previous organizational modeling to Sharron Jackson.

Details

- **Discussions on Agriculture and Infrastructure**: Bruce and Greg Beevor discussed agricultural inputs, noting that they use a mix of 70% MAP and 30% URA for sewing, and Bruce has three loads of supplies arriving. Bruce mentioned needing to build a fertilizer shed because it is too difficult to store the materials in silos (00:00:00).
- **Initial Views on Electric Vehicles (EVs)**: Bruce and Timothy Beevor discussed electric cars and the idea that they offer a form of freedom if one can use a solar panel to charge the vehicle. Bruce mentioned a friend who has 80 kilowatts of batteries and does not know what to do with the excess power, running lights and heaters constantly from a homemade system in a 20ft container (00:01:29).
- **Electric Vehicle Performance and Concerns**: Emma Ferguson reported that their EV is performing "absolutely amazing," having nearly 600 kilometers per charge (00:04:07). Concerns were raised about EVs' capacity to carry a load, and Emma noted that their EV did not come with a spare tire, which is becoming common even in petrol cars (00:05:12).
- **Anecdotal Tire-Changing Experiences**: Bruce shared an anecdote about experiencing unusually bad luck with flat tires, reporting that they had changed three tires—one on a new buggy, one on a Toyota Land Cruiser, and

one on a trailer—over a period of four or five days (00:06:15). They clarified that this incidence was unusual for them (00:07:14).

- **Transition to AI Risk Modeling Workshop**: Timothy Beevor announced that the main topic for the night would be "hardcore AI," focusing on generating risk models for organizations, which would require structured thinking (00:07:14). Timothy Beevor stated that they would demonstrate their thought process by showing attendees how to model disaster risk for an organization (00:10:22).
- **Modeling Disasters vs. Reacting to Disasters**: Timothy Beevor asserted that most organizations typically react to disasters, but the more productive approach is to model them beforehand. They explained that AI excels at synthesis and that the role of the user is to direct the AI's "cloud of knowledge" by applying a specific persona to achieve the desired outcome (00:11:22).
- **Framework for Building an Event Model**: The process of risk modeling requires structuring the analysis into layers, including an external event's translation into internal impact, which requires imagination (00:12:32). The model must be grounded by understanding the macro global forces, micro regional events, government stances and policies, social knock-ons, and economic and practical consequences (00:13:34).
- **Contextualizing the Risk Model for an Organization**: The AI needs to be provided with context about the specific organization, such as an annual report, to stress test scenarios and identify where conditions might first impact the business (00:15:36). The analysis should cover the macro view (global forces), the micro view (local reality), policy levers, situational knock-ons (e.g., hoarding), and economic consequences (00:17:43).
- **Identifying Patterns and Agendas in Data**: Timothy Beevor demonstrated the value of asking the AI to lay out facts in a timeline to identify trends and potential patterns of risk. Understanding the sequencing of events, like the Brisbane refinery deferring maintenance until August and the fuel excise relief ending in June, can reveal potential economic steps that impact interest rates and inflation (00:18:48).
- **Hypothesis Testing and Scenario Generation**: The analysis transitions from factual mapping to speculation by testing hypothesis vectors and asking the AI to find evidence for or against claims (00:34:27). After establishing the macro picture, scenarios are run (small, medium, and large) to apply the potential impacts to the specific business (00:21:26).
- **Risk Modeling for Southern Ports Authority**: Paul from WA suggested using their employer, Southern Ports Authority, as the case study for the risk modeling, given its relevance to grain export and fertilizer imports (00:43:48).

Timothy Beevor uploaded the organization's public annual report for the AI to analyze, noting the importance of not using confidential data in AI models (00:42:28) (00:45:42).

- **Cross-Walking Exposure to Escalation Tiers**: Timothy Beevor developed a detailed prompt to instruct the AI to cross-walk the organization's exposure surface against the four government escalation tiers. The goal was to generate a comprehensive risk assessment report for an executive audience, detailing impacts on revenue, costs, people, culture, trading throughput, safety, and operational continuity (00:51:21).
- **AI's Role in Complex Data Analysis**: Timothy Beevor described how AI is capable of performing "hardcore analysis" by processing numerous variables, which would take a human "days" to complete. They emphasized that AI is not replacing humans but rather augmenting their capability to do more work by shifting away from traditional methods. The user's role involves providing judgment and taste to iterate on the AI's output until it makes sense (01:01:07).
- **Demonstration of AI Problem Solving using Grok**: Timothy Beevor demonstrated using Grok, a pro version of an AI model, to address a complex problem: generating a status update for the executive team of Southern Ports Authority regarding a fuel crisis in Australia. The request was to brainstorm potential impacts on costs, revenue, operations, people, and culture across the four layers of the national security plan (01:02:12). Although the initial Grok output was deemed "okay" and comparable to a basic ChatGPT style, they noted that the pro version uses four agents that work together to solve the problem (01:04:24).
- **Comparison of AI Subscription Costs and Power**: Sharron Jackson asked if the output from one AI model, such as Grok, could be used as input for another, like Claude, to build upon or iterate the results, to which Timothy Beevor confirmed they do this (01:04:24). Timothy Beevor compared the $100/month Grok subscription to a $62/month subscription for a different service, noting that the difference in power is "massive" despite the price difference. They also stated that if they were destitute, their subscription to Claude and their styling service would be the last two things they would cancel because they enable them to earn money (01:06:51).
- **AI's Impact on Document Creation and Microsoft Word**: Timothy Beevor observed that AI can write documents formatted better than any human can, suggesting this capability impacts tools like Microsoft Word, which was designed for human document creation (01:06:51). While the editing tools are still useful, they believe that in approximately two years, people will likely not use such tools as their primary mechanism for document drafting. They also

noted that users can iterate on AI-generated documents by providing unstructured feedback on what needs correction or improvement, and the AI will rewrite it almost flawlessly while incorporating all previously gathered context (01:08:02).

- **Training AI for Persona and Style**: Timothy Beevor explained that they train their AI model to adopt a specific style, which they call "ask bees," to simplify complicated reports for social media consumption (01:08:56). They further explained that AI tools now allow users to input personas (e.g., a doctor or a lawyer) so that the output adheres to the expected style of that profession. Timothy Beevor advised organizations to focus on providing their personnel with the best AI models and training, along with safety guardrails, rather than focusing solely on IT infrastructure (01:10:01).
- **AI's Ability to Argue and Stress Test Assumptions**: Sharron Jackson inquired if the AI would argue back if a user provided incorrect feedback based on the comprehensive context it had gathered, to which Timothy Beevor confirmed it would (01:11:03). Timothy Beevor clarified that the AI will warn the user if a suggested hypothesis is inaccurate or lacks factual support, and the user can request the AI to check all their assumptions against its knowledge base (01:12:19). The AI can be used to stress test financial scenarios, model data, and build software and dashboards (01:13:14).
- **Analysis of Fuel Crisis Impact on Southern Ports Authority**: Timothy Beevor shared the output of the powerful AI model concerning the fuel crisis impact on Southern Ports Authority, noting that the AI provided a structured report. The report analyzed the business under four scenarios—current, constrained economy, rationed economy, and structured rupture—and included financial and operational risks, such as a sustained loss and high people risk under the worst scenarios (01:25:14). The AI's analysis detailed the financial, operational, people, and cultural impacts, and it highlighted gaps in the information provided, such as the need for non-disclosure of the report name, customer concentration, and fuel costs (01:28:45).
- **Recommended Actions Based on Scenario Analysis**: For the initial tier one scenario, the AI recommended several actions, including commissioning a fuel disruption business continuity rehearsal and requesting an accelerated options analysis for the cyber program. The analysis of the constrained economy scenario showed an estimated revenue impact between 8% to 15% of total revenue and the possibility of further redundancies (01:30:28). Paul confirmed that diesel is a critical input for vessel movement and pilot transport, and the fertilizer required for the grain trade, which accounts for about 25% of revenue, adds significant exposure (01:31:54).

- **Broader Implications and Scenario Modeling**: Timothy Beevor and Paul discussed the broader economic implications, including the vulnerability of remote communities and the massive diesel usage by mining operations (01:31:54). Timothy Beevor demonstrated that users can ask the AI to model personal impacts, such as what the fuel crisis would look like for someone living in Perth, based on the government's plans (01:33:34). Timothy Beevor also demonstrated scenario planning for the University of Western Australia, showing high-level impacts on the international student pipeline and operational costs (01:36:36).
- **Modeling Decisions and Global Context in AI Analysis**: Timothy Beevor explained that complex scenarios, such as modeling a war between America and China, require looking at global context and the objectives of the involved nations to estimate duration and impact (01:38:32). They emphasized that the AI model can relate these global decisions back to a business's specific situation. Timothy Beevor committed to sending the comprehensive Southern Ports Authority report to Paul Robert Mackey (01:39:34).
- **Iterative Refinement of AI Output**: Timothy Beevor concluded by advising that while the models may make mistakes, the output provides a valuable starting point for human analysis. The next step should be to have finance or critical personnel review the report and provide documented feedback on errors or additional considerations, allowing for iteration and refinement until the model's assumptions are satisfactory (01:40:38). Sharron Jackson requested that Timothy Beevor model their organization, to which Timothy Beevor confirmed they had previously done so with a simpler analysis and offered to share an updated one via email (01:41:30).

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📖 Transcript

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00:00:00

Bruce: Good day, Kim.
Timothy Beevor: Hey Bruce, how are you?
Bruce: How you going? Good.
Timothy Beevor: Yeah,
Bruce: How you going?
Timothy Beevor: yeah, good. Good. Easter
Bruce: Yeah, it's good.
Timothy Beevor: break.
Bruce: When
Greg Beevor: Did you get your ura?
Bruce: was
Greg Beevor: Get a crop in the ground,
Bruce: Yeah. Oh,
Greg Beevor: Bruce.
Bruce: well, no, not up there. No, not up north. Not yet. It'll be a while yet.
Greg Beevor: You found the ura.
Bruce: Oh yeah, I've got Well, we we use 70% MAP and 30% URA for sewing. Yeah. Yeah, I've bought it bought I've got um three loads coming, so that'll be all right,
Greg Beevor: Not
Bruce: which will be good.
Greg Beevor: good.
Bruce: I need to build a um fertilizer shed. That's the next issue. Too hard to store in silos. How come I've got a red screen?
Timothy Beevor: That's dad's screen. Yours is I can see
Bruce: Yep. Okay.
Timothy Beevor: you.
Bruce: Yeah. So,
Greg Beevor: That's me.
Bruce: we got all that organized.

00:01:29

Greg Beevor: Not red now. See you.
Bruce: Yeah, there's like 90 people on this tin if everybody turns
Timothy Beevor: Yeah,
Bruce: up.
Timothy Beevor: I I doubt everyone will turn up, but um I know there's a few more people coming, so or they accepted.
Greg Beevor: walls.
Timothy Beevor: Who's accepted? Gmail.
Bruce: I look at electric cars differently
Greg Beevor: That works.
Bruce: Yeah.
Timothy Beevor: Uh yeah. Yeah. I had I had that epiphany too.
Greg Beevor: I'm looking forward to getting
Timothy Beevor: They they actually buy you a kind of freedom cuz if if you can
Greg Beevor: mine.
Timothy Beevor: if you can get a solar panel and charge a car, you kind of it is kind of a trick.
Bruce: I was talking to a mate of mine. He's got 80 kilows of batteries and he doesn't
Timothy Beevor: Mhm.
Bruce: know what to do with the power.
Timothy Beevor: Put it in an
Bruce: Um, he hasn't quite got to that bit yet,
Timothy Beevor: AV8.
Bruce: but he's got bloody. He goes, "Oh, I run my lights all the time. I run everything,

00:03:03

Bruce: heaters, the whole lot. It's a homemade system. It's in a 20ft container." And he bloody had a heap of batteries.
Timothy Beevor: Yeah.
Bruce: and he said to me, "I don't know why you're not buying some of these batteries." He tried he pleaded with me to buy them. And I said, "Oh, I don't know." Now I wished I had
Timothy Beevor: Yeah, I don't know. I I've been looking at doing a um an off-grid system behind the
Greg Beevor: Fire

Timothy Beevor: grid.
Bruce: Yep.
Timothy Beevor: Um
Bruce: Well,
Timothy Beevor: yeah.
Bruce: he charges with that three hours for free or whatever.
Greg Beevor: question.
Emma Ferguson: Thank
Bruce: He's on that those blowird or whatever it is.
Timothy Beevor: Yeah. Four.
Bruce: And he said his meter get he said his meter gets hot.
Timothy Beevor: How's that
Emma Ferguson: you.
Timothy Beevor: one?
Bruce: He goes and feel he said my meter actually gets hot. He loves it.
Greg Beevor: The bloke beside you does too,
Bruce: Yeah. Yeah. Well,
Greg Beevor: Bruce.
Bruce: he he just loves it.

00:04:07

Bruce: He reckons it's best thing since sliced bread.
Ross Hammersley-Myers: f***
Bruce: Actually, I must ask him why he hasn't had an EV. Oh, he was going to buy a secondhand one. The bloke, another bloke he knew was selling a secondhand one, but he gave it to his daughter
Greg Beevor: Let's
Bruce: instead.
Timothy Beevor: How's your EVM?
Emma Ferguson: absolutely amazing. Can you hear me?
Timothy Beevor: Yeah.
Emma Ferguson: Uh yeah,
Bruce: Yep.
Emma Ferguson: it's going really well.
Greg Beevor: stop.
Emma Ferguson: Thanks.
Timothy Beevor: That's
Emma Ferguson: Um yeah, nearly 600k.
Timothy Beevor: good.
Emma Ferguson: So that's amazing. That's That's great.

Bruce: per charge.
Emma Ferguson: Uh yeah. Well, if you have 100%.
Bruce: Yeah.
Emma Ferguson: Yeah. How how's everyone else going? How Bruce, how are
Bruce: Oh, fuel doesn't worry me for running around.
Emma Ferguson: you?
Bruce: It's more the other stuff that matters, you know. So, I mean, what I'm saying is we don't do a lot of kilometers really here, but it's um everything else. Yeah, obviously fuel has a big flow on effect for freight and everything.

00:05:12

Bruce: There was a farmer I saw the other day on the internet and he's got a a EV they run around and he reckons
Emma Ferguson: Okay.
Bruce: it's grass. He's just a bullbar to it.
Emma Ferguson: Yeah. Yeah.
Bruce: But uh no, we haven't gone down that road yet. I don't know. We'll wait and see. Problem is you really can't carry a lot in them. That's the thing.
Emma Ferguson: Yeah, that's true.
Bruce: But for a
Emma Ferguson: So, so I was surprised mine didn't come with a spare tire.
Bruce: run,
Emma Ferguson: I don't I'm assuming none of them do, but mine didn't.
Bruce: is that a Tesla?
Emma Ferguson: it.
Timothy Beevor: None of them do. You can put one in there
Emma Ferguson: Yeah, it comes with a little um system that allows you to get
Timothy Beevor: though.
Emma Ferguson: 80ks like some sort of thing. I don't know what it is. Tim will be able to tell you better than me. I don't know whether it fills it full of silicon or just gives you 80k range.

00:06:15

Emma Ferguson: Just some sort of gadget.
Bruce: No, no spare
Emma Ferguson: No.
Bruce: tire.
Timothy Beevor: a lot a lot of petrol cars are like that now though.

Bruce: Yeah,
Timothy Beevor: There's a there's a Yeah. Yeah. Heaps of cars that don't come with them
Emma Ferguson: Okay.
Timothy Beevor: there.
Bruce: there was a Tesla on the side of the road with a flat tire. I watched it. It was there for about a day and a half. So, old mate came and picked it up with a tilt tray.
Greg Beevor: How long's it been since you changed a tire,
Bruce: Uh,
Greg Beevor: Bruce?
Bruce: I did three the other week. I did one in one in a brand new buggy that uh had about probably about 300 km on the buggy.
Emma Ferguson: All
Bruce: I did one in a Toyota Land Cruise that a maid owns that I drove for about a kilometer and
Emma Ferguson: right.
Bruce: a half and then I s*** one in the trailer on the way home. So three in like probably four or five days but that's

00:07:14

Greg Beevor: That's
Bruce: unusual like you normally normally not that often. So, not very often, Greg.
Timothy Beevor: Just give a
Bruce: I just had I just had bad luck.
Greg Beevor: Yeah, that's right.
Bruce: I drove this BK's ute and I literally drove it for a kilometer or a kilometer and a half hopped out and st the
Greg Beevor: That's
Bruce: tire.
Greg Beevor: it.
Timothy Beevor: Just give me one moment.
Emma Ferguson: She's
Timothy Beevor: All righty, we'll get cranking. Eh, let me just um stick the recording
Emma Ferguson: going to
Timothy Beevor: on.
Emma Ferguson: Jesus.
Bruce: sort of watches that t sort of
Timothy Beevor: Huh? Uh,
Bruce: watch.
Timothy Beevor: it's one of those old um Casio calculator watches on the Yeah,

Bruce: I thought it must have been.
Timothy Beevor: it's just a different color. It's not
Bruce: I thought it was,
Timothy Beevor: by
Bruce: but I saw all the buttons on it.
Timothy Beevor: Yeah, it cost about 20 bucks. All right. All right. Um, so tonight tonight is actually going to be um it's going to be some pretty hardcore AI.

00:09:16

Timothy Beevor: So, it's going to be quite difficult. Uh, but I'm going to try and break it down for you so it's easier to follow. Um, but what we're going to do is we're going to go through the logic and the mind process to produce risk models for organizations. Um, but we're going to do it through a structured way. Now, what's really crazy is once you get good at this, it's actually how you'll start to think almost natively and it won't be very difficult. So you won't have to go through like a process every time, but it does kind of require you to almost be a bit more lucid in your thinking. Um, it's also true that a lot of the content I've been producing lately, um, I've been able to create using these kinds of models, these kinds of techniques. Um, but that's not to say that if you tried to create them, you could create them. you know, you wouldn't just type into chatbt, hey, write me an article on this and get anything um decent or sophisticated.

00:10:22

Timothy Beevor: So, I'm going to sort of um pull the the cover off and show you um how I think things through. So, what I'm going to do is I'm going to go So, I've created this little presentation for us. Um so this is around modeling disaster risk to your org or your situation or your life or your company or you can really apply it to anything. Um but it's a it's a working method of how to do that. Now this presentation of course um I went and wrote a prompt and wrote this with AI which is kind of neat. Um so the first thing I'll say is I think it is fair to say a lot of organizations react to disasters. Let me just check. Yeah, just want to make sure. I had someone else who said they were coming tonight and I just want to make sure I haven't not let them in. Okay. Um can someone just watch and if anyone else comes in, let me know and I'll um I'll let them in. Okay.

00:11:22

Timothy Beevor: So, most orgs react to disasters. Um the useful move is to model them. So um the one thing that I have noticed and in particular with the latest models um particularly the latest one that's come out of anthropic um AI is brilliant at synthesis. Um so think about think about an AI model as like a cloud of knowledge um and it knows a lot of things and now it has agentic capability. It also has research capability. It also knows where to find information, find data, collect things, bring things together. But your job as the driver of the AI is basically to turn on the parts of the brain that's required to solve your problem. Okay? So, think about this this multi-billion parameters of stuff and it has all of this knowledge about everything. Um, and what we can do is we can hone it in on something in some sort of persona to get some sort of outcome. Okay. Now, the the kind of thinking you've got to go through it is really somewhat of a creative process.

00:12:32

Timothy Beevor: So, you're building a hypothesis about how an external event translates into internal impact. So, it's not just creating a checklist, you know, like a generic checklist. It's actually an act of imagination. So it's your collaborator to imaginate to imagine what's actually going to happen in a situation. Um but the first thing you need to do is you actually have to build up the model's understanding of the event. It has to understand the facts. You have to be able to form some hypothesis and you have to apply it to your org. So if you skip a layer and the model fills the gap with plausible sounding nothing, um you're not going to get a good outcome. Okay. So, um, now the cool thing is is when you've got a disaster as big as the fuel crisis, um, there is actually a lot of data about what's going on, which we did last week, um, to try and model out what's going on. So, you've actually got to start to structure this into these layers.

00:13:34

Timothy Beevor: So, you have some sort of event. Now, in this case tonight, we're going to go through the um the Iran situation. Uh but the first thing we need to comprehend is what is actually happening. Okay. So you've got to sort of get the model grounded on what are the macro global forces? What are the micro things that are happening in your region? What's the government's stance on things? What are they saying? What are the policy levers being pulled? What are the social situational knock-ons? Um what's the economic consequences? What's the practical day-to-day

reality? So what would it look like for you? And the impact on how society functions. Okay, so last week we kind of did that. We said we closed the straight of Hmoon. Well, we closed the oil wells because of a war that closes the straight, which then closes the fuel, which then has the knock-on effects of industry in Australia, etc. Um, but what you also want to do is you want to start to look at um you want to sort of map the facts that associate with that as well.

00:14:41

Timothy Beevor: So, what was the trigger that set it off? What were the policies that led up to that? What has the government said to date? Are there any policies or documents that have been released? What are the economic events that have occurred? What's the operational reality? So, what what what has already happened? You know, the petrol stations running out, you know, those sorts of facts. And what is the government saying about what comes next? Because the thing about governments is they will give you a guide to what's happening. They'll probably put it in some, you know, vague four-stage plan or something like that, but they'll they'll give you a direction of what's coming and they'll give you hints. So you want to sort of build up that picture as well. But then what you also want to do is in the background you also want to give the model some some context you know and and these are really hypothesis. So you know are there any motivations that are missing?

00:15:36

Timothy Beevor: Why is the US doing this? Why is what is China doing? Um who else holds leverage? The public timetable so far what they're signaling for the future. the media events, the statements on the timeline. So you can go and look at everything that's happened to date, but also what you think the motivations are behind what's happening there. Um, and then what you once you've got that kind of cloud like the AI will go off and do research on all of those things and sort of like in a single chat thread, you can kind of fill up, you know, the model of what's happening. And then what you can do is you can say well based on that model based on all that kind of context if I apply that to my business what is that actually going to mean for me because it can see now to do that you've actually got to give the model some you know some context of who your business is. It might be an annual report. It might be um I don't know it might be your financials.

00:16:30

Timothy Beevor: It might be don't give AI your financials but you you get the idea. you give it some proxy information about um the situation and then what you're what you're going to do is you're going to ask the AI you know the situation that you're all walking into where conditions might bite you first the levels of escalation you might see what are the official scenarios that you'll probably have to hit and if you can put it through that lens and then the um you can give it some documentation to stress test various scenarios. Okay. So you want to give it context of who you are so then it can come back and kind of come up with what's going on. Does that all make sense so far? Um so before you can model the risk so you have to see the event clearly. What is that macro view? So what are those global forces flows checkpoints? Um what is really happening at the planetary level? the micro view, what's happening in the street, the port, the pump, what does it look like on the ground, what is the government saying about it, but also what is the government not saying about it that they should be saying because that's sometimes a bigger tell.

00:17:43

Timothy Beevor: Uh the policy levers, so are there any existing or um current policies that are going to affect this? So in this case, in 2022, they put near fuel um security rules in. What would they look like in practice? And what is the government saying about them? What are the situational knockons? So, what second order social effects are plausible? Behavior shifts, hoarding, you know, people going to the petrol station and filling up jerry cans and stuff. So, there's there's that. Um the economic consequences, so prices, rates, flows of capital, FX, sectors winning and losing. Um what does it look like on the ground? So, we've sort of been through this, but you got to you got to go to that view and the the facts. So, we've got the factual maps. So, what are the policies that are going to go into this? What's the government going to follow? What are the triggers? What are the official announcements, the release documents? And a really cool thing to do actually is ask the AI to lay out these things in a timeline because what you can see is it can start to kind of see trends and overlaps.

00:18:48

Timothy Beevor: So, I'll give you a classic one. Um when in March the government uh when the when the March crisis started there's two refineries in Australia. The Brisbane refinery um said oh no there's a fuel crisis. So in March they said we'll defer

that till August. Now, that is actually could be in hindsight really disastrous because they could have had the thing off, you know, for 6 weeks through into April. Uh, but now they're not going to have it off till August, but August is probably when the crunch time's going to be. So, that's that's one thing that's already happened. We also have the government saying they're going to give us a fuel excise relief, which I think started sort of a few weeks ago. That's now going to finish at the end of June. at the end of June there's a critical date around inflation if that comes off the inflation number is going to be collected in that time period and therefore the inflation number is going to be much higher say come July so if that actually happens um they've sort of created a step in the economic circumstance which could impact interest rates or something um so if you understand the dates in which all these things come together you can start to see the patterns of potential risk um then you want sort of come through, you know, like is there any um in that pattern sometimes you can start to play with the AI and say, well, if we look at that pattern, is there any agenda there?

00:20:21

Timothy Beevor: Is it trying to improve the situation? Is there anything that's trying to make the situation worse? Um, and what you can do is you can start to ask questions about um, you know, is is this the optimal or is this a risk? And you it's really difficult to go to intent, but in this particular crisis, there's a lot of trends I'm seeing in the data. And if you if you lay it all out in a sequence, it ends in not bad outcomes. Okay, so there's those hypothesis vendors. Um, and you can also look at other countries. So, you know, what is China doing? Um, what could China do to Australia? What's their policy around fuel use? Who are our allies? Who are we talking to? Who are we not talking to? those kinds of things can come into play as well. Um so everything until now was preparation and this is where the risk gets real. So then you start to say um you start to work with the AI saying well based on everything that's come to date and all the policies that we're looking at then you start being speculative.

00:21:26

Timothy Beevor: So at that point then you start to run the scenarios well if this played out at its most extreme what's likely to happen at the broader economy sense um what's likely to happen maybe we tear it into sort of small medium and large and then once we've got a view of the macro picture then we can think about applying that macro picture to our business. So we give it our data and then we can sort of check it against it. So, I just use AI to do this for me. I would do this I probably wouldn't do it this formally if I was doing it myself, but um you know I've got these

sort of seven prompts and what my idea tonight is is just to go through and write these prompts into a conversation in Claude and what we'll do is and this is the really cool thing about um these AI models. Don't think about it as you ask one question and get an answer. You can actually do one question and get an answer and then build off that for the next question and the next answer and then build off that for the next question, next answer.

00:22:27

Timothy Beevor: And these models now have very big context windows. So about 2 million tokens before they compress. But even if they compress, they're going to they're going to summarize the key information. So you can have like think about this as like a model that's sitting there that you can sort of feed more events or more data into and then see if that affects your position. So some of these models you actually want to keep them because you might over time go, okay, so this has happened. You know, it's sort of like building out, you know, those sort of like the breadcrumbs of what's going on. And then what you can start to do is you can start to hone it as more data becomes available in reality. That will actually give you the ability to kind of see the full picture of what's going on. Now I would say that um if you get major things wrong in your analysis, the future things could be wrong as well. So it is always good to kind of put prompts in there to say, hey, you know, I've written this prompt and I've got this answer.

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Timothy Beevor: Can you go and test that? Does that actually make sense? Um, and sometimes like being a contrarian will actually improve your answer because it'll go off and think about it and go, "Oh, that's not fully accurate or not factual." And you can just iterate and iterate and iterate until it's almost like this funny point where you actually agree with the AI model. They go, "Yep, this seems credible or it's not." And you can actually ask it to kind of like spot test you, go like, is this is this realistic or not? Um, okay. So what we're going to do is so framing the events, mapping the facts, forming the hypothesis, defining the escalation, tiers, um loading the org, mapping the exposure to tiers, producing the report, one prompt, one answer, and then the next. Okay, so we're not going to batch them. So I've produced these one after the other. And what we're going to do is we're going to have a try. And if for some reason this comes up with rubbish stuff, I'm actually going to go to one that I've already built that works quite well.

00:24:32

Timothy Beevor: So we're going to go in here. Uh let's start our analysis. So this is the um the prompt tree that I used to build that pack. So I want to build a structured risk model of how external events impacts an organization. We'll work through this in stages. No need to rush ahead. The event is uh the war, the current war in Iran and the flow on impact of the fuel fuel and um petroleum product crisis to hit the world.
Jonathon Little: Are you sharing the screen?
Timothy Beevor: Uh, sorry. Hang on. Was I not sharing the screen the whole time?
Jonathon Little: No, you've just been on Oh,
Timothy Beevor: You've just missed the whole presentation,
Jonathon Little: no.
Timothy Beevor: guys. So, I just I'll just show you what I was going through. So, I was actually I'll share this pack afterwards. So, that was all the the layers. Yeah. Okay. So, we're going to go through the prompting now. Sorry about that.

00:26:00

Timothy Beevor: Um, so I want to build a structured risk model of how to don't rush ahead. The event is the current Ian more the flow and impact of the petroleum crisis at the world as a result. Um example for the first step give me a clear and comp comprehension of the event across eight angles. Be specific. One macro the global forces and flows in motion. Two what it looks like on the ground and the street pump port level. Three the government stance what the authorities are formally saying and not saying the policy levers which exist here will shape the response. So, what we're going to do is we're just going to go through that and it's going to give us this will give us like a foundation So you can see it's giving me a pretty good summary of the situation. It's not deep, but it's giving me the context. And think about this as like training the brain. It's giving the context to the model of what the hell's going on so it can work through this.

00:28:06

Timothy Beevor: what they're conspicuously not saying, they're not discussing what happens if it collapses, which it already has, by the way. It's very little commentary about Jalong's recovery. No discussion about rationing would look like. Jalong fire has not been framed. strategic stock release, the liquid fuel emergency act, the response plan, panic buying, rural urban splits. We've seen that media framing the economic consequences. So now it's going through, you know, flight bookings are

less reliable. I've already seen that a few times with people. Um the things are still happening dy dah. Now the purpose of this remember is just a context builder. So we don't have to make sure that it's all there. It's all 100% correct. Okay. So now we're going to go to prompt two. Okay. So, what we're going to say here is good. Now, they're building an event frame. Produce a factual record as what's happened. The truth on the ground. No speculation, no inference.

00:29:46

Timothy Beevor: If you're uncertain about a fact, market unverified. If you don't know what to say, structure the output under these headings. Upstream policy. Uh two, the trigger, the official announcements, the released documents, the white papers, the economic record, the operational reality so far, the forward guidance, blah blah blah. Use web search if it helps you get the dates and numbers rights. If the event is recent, prioritize recent sources. So, this is going to build on. So, we we sort of said, what the hell's going on? Now, we're going to go and get all the data we need um of what the hell's going on. Now, if I was doing this properly, I'd probably build a tree and I'd probably go through really, really deep searches and research on all these layers. So, when I was doing it, I was looking at, you know, fuel policy, regulation, um anything that changed in terms of diplomacy, anything that's going on in the economy, what's happening with the budget, like just heaps of stuff. um that goes much deeper but I don't have time to do that here.

00:31:00

Timothy Beevor: You can also once you've got these things you can expand out um what they mean. So you can go and say well can you go and expand on all those um particular pieces of legislation and actually tell me what they all mean. Um, and so that's going to give you the parameters um, for the model. So the trigger. It's actually giving us all the dates. So here's the documents they've given us the national field security plan. So this is a big clue, right? Because if the government's actually planning something and they're releasing this to the public, it's probably being thought through about, you know, it's probably a reflection of reality or what they think those levels are. Fuel excise reduction, fuel standards, economic record. This is your burn rate, all your tanker data, your direct purchases. As you can imagine, trying to go through and try to pick all this apart and think about it, it's pretty hard for a human brain. This is just eating this alive. And again, we're still gathering just the data to start modeling what the hell might happen.

00:33:01

Timothy Beevor: Another thing I like to ask is, you know, there's the official statements, but I'd like you to go through and be skeptical about what they've said and see if there's other points of view because often if you grow a model in what the government's telling you, it may not be accurate because it might be the sugarcoated view. Um, and so sometimes it's good to kind of stress test it.
Bruce: Oh,
Timothy Beevor: But what you you'll kind of want to tell the model, I don't want you just to be a conspiracy theorist. I want you to actually go and stress test it and see what could be true or not true and why.
Bruce: It's absolutely amazing.
Timothy Beevor: And obviously this is not what's just in the model's brain. like this is actually going and doing searching and pulling all this stuff. Okay. Formal hypothesis of where you are. Okay. So, let's go to the next one to interpretation. Okay. So, this one is much more speculative. Who's that?

00:34:27

Timothy Beevor: This one is much more speculative. Now I want you to move from fact to interpretation. But carefully I'm going to give you a set of hypothesis vectors. I want you to treat each one as a claim to be tested not confirmed for each. Say you have the evidence for it or the evidence against it. The assessment is strong, weak, moderate or strong. Um are there any obvious incentives for the behaviors, the US posture, the China posture? So go into this one. I love it when it says good. This is the most important step. Um, exceptional material. Now this is the crazy stuff cuz this will start to find things that you might not even know. Extraordinarily rich picture. Okay. So Trump is even in his own video saying that regime change is beyond the state of non-prololiferation. Saudis, the Israelis, the Grand Conmination, oil sanctions. This is what the US So these this is kind of like you know do we think this is going to end or do we think it's going to go on and what's the evidence for both and what do we think so things that China is doing kind of to say that they're a neutral player but then we also look at all the things that they're doing that might suggest that they're not a neutral player.

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Timothy Beevor: Yeah. So the gap is real. China's public posture is we want peace, but China's operational posture is we're building the yuan dominated energy trade

architecture in real time. And we've got different countries and what they're doing. Now again, we're not we're not sort of we don't really care about all this so much. We're just giving the model context of probabilities, what we think, you know, what are the variables of what could happen. This is kind of what's been happening. There you go. The three biggest players all materially altered their behavior eight days before the strikes. This is incompatible with a surprise attack. Yeah, the
Bruce: What does it what does it sort of mean of that Tim?
Timothy Beevor: jalong.
Bruce: Is it thinking like in their buying or they're whatever you
Timothy Beevor: It's just giving the kind of the the benefits like to each party in the
Bruce: know?
Timothy Beevor: situation. Like this this one's interesting. The Dong fire on April is an extraordinary timing coincidence.

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Timothy Beevor: We don't know that that burnt for any reason, but it's a coincidence. Contradiction between the public. Okay. No rationing versus de facto regional rationing. ships arriving versus the AC investigation, the panic buying framing. Now, we haven't even put hypothesis in here yet. Do you know what I mean? We haven't even sort of stress stress tested anything. So, what's what in the public narrative is missing the fertilizer bottleneck. Okay. Okay. Okay. So, let's look at the escalation ti. Now, what I might also do in this one, I'm also going to give you what the government has put out. This might give you context. Now, what I'm going to do is I'm going to put the uh the National Fuel Security Plan. So, this is the the four stage plan that they put out. So, I'm actually going to give the model this so it doesn't just make them up itself. It actually helps us out. Okay.

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Timothy Beevor: So, I'll grab that one and put that one there. Yeah. So, it's actually correctly called out that hey, that's the that's what the governments do, but that's not reality. So this is kind of like this is like the parameters of the disaster, right? So now you got to remember that you can go and do more analysis to go deeper into these things um later. But what we're doing is we're giving the the brain. So when I start asking it questions and doing stuff, it's it's in the back of its mind, it's not like, "What the hell is this guy talking about?" So all this context, every time I prompt this, all that previous context is in its mind. So it can draw on that, but it can also then go and look for more stuff. So think about this as like educating someone of the overall situation. And you can also include you can turn on a feature to actually think about

another chat stream. So if you've created one that looks at say aircraft movement or ship movement, you can actually go and look at that stream.

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Timothy Beevor: Does that make sense? So you can like you can actually create multiples of these. So you might do these I'm doing this all in one. I've never done it as one before, but you could actually do them as point pieces of analysis of what's going on. And then you could actually refer to those pieces of analysis and it will go look up that chat as long as you give it the right right general name. Okay. So it's actually now comparing the government's framework to reality. Okay. Load the organization whenever you are attach the annual report in any supporting docs. Okay. So the first thing I'd say here is don't go and put confidential data into AI. Not cool. But there is usually some data about the org that is kind of public. It might be public strategies, public stuff that's in on the if it's on the internet, these models can see it anyway. So, so does anyone have an organization they would like to look at.

00:43:48

Timothy Beevor: Okay. Does anyone have an or the company they want to know about? Is there a toll road company with a Maybe we'll do a toll road company.
Paul: Oh, Tim, it's um Paul here from WA. Um you can do my employer,
Timothy Beevor: Yeah.
Paul: but uh long as it doesn't get published, I guess it's all good.
Timothy Beevor: No, it doesn't. What company is it? Have they got a new report?
Paul: Yeah, Southern Ports Authority. So, it's trading enterprise.
Timothy Beevor: Uh,
Paul: Southern Courts Authority.
Timothy Beevor: other imports authority WA.
Paul: That's it.
Timothy Beevor: This one.
Paul: Yep,
Timothy Beevor: That one there.
Paul: that's the one. guessing um a few implications for us given the diesel burn our predominance in grain trading and export fertilizer
Timothy Beevor: I assume I'm
Paul: imports
Timothy Beevor: downloading. Yeah, it's a PDF. Cool. Okay, I'll just stick this in my little folder.
Sharron Jackson: Tim, is there any is there any data it doesn't handle very well?

Timothy Beevor: Yeah.
Sharron Jackson: like obviously can do PDFs and word documents and but what about you know different types of images if it's got text on it can it handle that

00:45:42

Timothy Beevor: Yeah. Yeah. It it can it can even um look at video if it's short.
Sharron Jackson: or
Timothy Beevor: So it can look at video, it can look at PDFs, it can look at webs, it can look at um HTML, it can look at just code, it can look at MD files, can look at Word documents, Excel, PowerPoint. Yeah, it can see them all.
Sharron Jackson: Okay, good. We just can't load a movie. All right.
Timothy Beevor: But but what it but what it will do is um some of them it needs to run like a little program to kind of extract the data out of it.
Sharron Jackson: Yeah.
Timothy Beevor: Uh that's typically Microsoft
Sharron Jackson: Okay.
Timothy Beevor: products.
Sharron Jackson: Yeah. Okay. Yeah, I know.
Timothy Beevor: Um I've attached. Okay. So this one we're actually looking at the exposure surface. I'll just get rid of that statement because there are none. Let's just hope that's not a massive file. 13.9 megs. That should be all right.

00:46:42

Timothy Beevor: So, this is kind of going to go um this is going to find like the vectors of this organization and it'll come up with something. And just for context, I'm using the max plan of course here. Um it's quite powerful. Um, if you put like a really big document into like a cheap or free one, it it might fall over. So, just something to if you try this and it falls over. That's probably why.
Sharron Jackson: Yeah, I've been able to make uh co-pilot and chat TPT fall over a couple times. It just hang it just hangs because it can't handle it.
Timothy Beevor: Yeah. Yeah. And again, I've done this really fast, right, guys? So, I I created this deck. I put some logic around it so I could tell a story in, you know, an hour. Um, but if I was doing this for real, I' i'd probably be iterating this and looking into things and exploring threads and and it doesn't really matter. It doesn't have to be linear.

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Timothy Beevor: It doesn't have to be like perfect end to end. You can just go off and talk about other things and explore things and like because it's an AI model, it doesn't matter. It'll just it'll go and explore stuff. So, think of it as kind of like um choose your own adventure. There we go. So, it's grabbing the financial statements, give me revenue breakdown, PPA, profit, uh capital spend. Now remember this is going to write something here, but what it's writing is kind of a summary of what's in its brain. So this isn't the net sum of what it uses next time. It it's actually read the full 200 pages of whatever it is and it'll be in its brain. So if you ask it a question about changes in ships or blah blah blah, um it's not only going to know what was written on the page, it's probably going to know also about what was in its memory. Now, it does have a theoretical context window. Um, so there's about 2 million tokens in this model.

00:49:02

Timothy Beevor: Um, but even if it compresses it, it's probably going to summarize and pull the most important stuff out. And I actually like annual reports because annual reports usually emphasize, you know, things we've done, things we've achieved, things that are changing, you know, things that we're strategically pursuing. It gives you a real sort of snapshot of what's going on. And they've typically got sections on operations, so you can usually get a pretty good view of what's going on and their headcount and their staffing and their assets and, you know, revenues and costs. Um, it does give you a decent look, but this is cool cuz it's giving us all the parameters of this organization. And then what we're going to do is we're going to flip it and say, well, if all that risk comes through, what the hell do we think it's going to happen through the lens of the government's levels? So the government will follow levels and then we'll we'll see. I want to tell you something else while too. I've discovered in recent days that um flight data and marine data um this is a classic.

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Timothy Beevor: This is a ship that drove up here today and then it's turned around and it's come back here. So you can actually model all the ships going in and out and not not passing the straight. You can also look at um the aircraft and you can also filter by say military and then you can grab all those and claude is the model that powers Palanteer's military system and it gives you extraordinary insights on what all these planes are, what they do, where they're going, why they're potentially

going there. And so if you want to like look at what's going on in the world, you can look at maybe the oil flows out of the um IEA data. You can look at the plane data. So you kind of get a view of like what might happen based on what's going on. Now obviously a lot of military stuff's off the grid, but there's a lot still on there. So you can kind of get a get a picture of what's going on. U all right, cool.

00:51:21

Timothy Beevor: Now we want to crosswalk this exposure surface against the four escalation tiers. When you are ready, continue I think I don't think I gave this a prompt. So, I think it's just doing something dumb. It doesn't make any sense. That's all right. I'll fix it. Um, let's have a look. This is just a dumb answer, guys. It's cuz I didn't actually give it a prompt. I didn't tell it what to do. So, I'll just stop it. Um, now crosswalk the organization's exposure surface against the four escape we defined earlier. For each of the four tiers, produce an analysis of the tier name a revenue impact cost impact. Um, could you output this report as a Microsoft Word documents? I'd like you to think hard on this. I'd also like you to structure it for an executive audience. The board would like a comprehensive risk assessment. Don't just cover um costs, revenue and costs. Also look to the people impacts,

00:54:34

Paul: Trade probably trading throughput.
Timothy Beevor: culture impacts, trade and throughput impacts.
Paul: Tim,
Timothy Beevor: Anything else? it impacts uh risk to safety
Paul: just operability and continuity of service. I guess just with the diesel burn on the on the bezels.
Timothy Beevor: ability. All right. So the exact summary here by tier analysis across all dimensions. Now if you had some sort of board paper structure or something you had you could just give it to it and it'll do it. If you were like, what do I what do I actually want to show? Or is there do you want to hone in on some area? Or you want to give it an extra analysis, you can do that, too. And again, we're doing this linearly. We're doing it once, but we'll have a look at what it comes up with. All right. Right. So, what this is doing is this is writing some software um that's going to write the I think it's the JavaScript that's then going to write the word document for us.

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Timothy Beevor: So, you don't have to just get text in chat GPT and then you know spend a week formatting a document. Um this will do all the work and it will format it and produce the word doc if it all works correctly which it should. Now, I think this prompt will probably take a while. Um, probably take a few minutes. While it's doing that, I'll show you. Um, I'll just grab this. And so this page has all the military aircraft on the page that's on this page. And I hit control A, copy. I'll just jump on here and I'll say what's going on. I should be aware of. We can just feed this in here. Interesting. Do you see how I can just look at stuff? Okay, so it's sword 26. So, it's actually gone off and found the operation. What's in the air? Spring force projection exercise. This is not connected. Yeah. Interesting. Is there anything of interest in the data for the situation?

00:59:12

Timothy Beevor: Not really. That's all pretty neutral at the moment. Cool. We'll let that go. This one's interesting to look at, too. You can just You can actually look at So, when they say the straight's open, you can kind of sort of see there's none going in or out. And if you look at this one, there you go. So, that's come out and it's turned around. So you kind of get the idea. So you know you can sort of see what's on the news and you can actually go and just look at it for yourself of what's happening. But I don't know how many boats go out then turn around. So been
Paul: Is that the Indian Sorry, Tim did to drop. Is that the Indian flagged vessel?
Timothy Beevor: told
Paul: I had a transcript today of that radio call. It's quite interesting.
Timothy Beevor: what country is that? Hey,
Jonathon Little: Angala.
Timothy Beevor: Angola. I just don't want to mess with this one cuz this all it's working away.

01:01:07

Timothy Beevor: Now this is this is like pretty hardcore analysis. Like if can you imagine how much compute it is to look through every single one of those variables. Think of that report of that company and then think about everything that has to read through and comprehend and cross check and how long it would take a human to do that. It would take God days I reckon. And the problem is like if even if a human did do it in two days time the data all changes and you're kind of stuffed again. So the

point of this is I think that this is um it's it's not a case of AI is taking over humans. I think it's AI gives humans the ability to kind of do more work. But we're not working the same way we've always worked. We're not doing it the traditional way. you know, you lay it all out and you write post-it notes and you group everything and like you're kind of working with the AI and iterating and every single time you iterate it's going to fail, but your job is to kind of have the the judgment and the taste to go, well, does this make sense or does this not make sense?

01:02:12

Timothy Beevor: Um, and sort of iterate to where you need to be. One easy way to think about it is um another thing you could do is like that's a really heavy problem, right? But if we just grabbed um I'm going to grab claude again and I'm going to grab the annual report and I'm going to grab the national sec the security plan. Oops. You could just Why is that? I think I've done that twice. You could just do it as simple as um and I just don't want to push this because I don't want to run it out. That would be annoying. Maybe I'll try it in Grock for fun. Grock. Okay, we'll put that in there. You are a lucid analyst and you work for SP. What was that company name again? Southern ports.
Paul: Yeah. Authority. Yep.
Timothy Beevor: a report. There is a fuel crisis in Australia and I need to write a status update for the executive on what the impact might be to costs and revenue and operations and people and culture through all four layers of the national security plan.

01:04:24

Timothy Beevor: Can you brainstorm what impacts there might be at each layer? Let's see what that does. Now, this is the pro version of um Subro. This is Elon's one, and this has got four agents, and they all work together to try and solve a problem. Now, this is obviously much less context, but it's it's actually got a access to a lot of data. It works quite well. Yeah. See, it's not great. It's okay. It'll give you This is what I'd expect, you know, just a normal person to do. Like, this is the This is the chat GPT style.
Sharron Jackson: Tim, while while that's still working, um, did you ever take output of one and put it into another? Sorry, would you take the output of Grock and put it into Claude and go build on it or inate it
Timothy Beevor: Yeah.
Sharron Jackson: or Yeah.
Timothy Beevor: Yeah. I I would Sharon. Um and sometimes it's good just to sort of

test one and the other.

01:06:51

Sharron Jackson: Yeah.
Timothy Beevor: But as you can see here, like this one here is $100 a month and the other
Sharron Jackson: Yeah.
Timothy Beevor: one's I hate to say it is $62 a month. Uh,
Sharron Jackson: Yeah.
Timothy Beevor: but the difference in power is massive.
Sharron Jackson: Yeah. Okay.
Timothy Beevor: And like I've I've actually said to my wife like if I lost my job and I was destitute, the last two things I would turn off would be my CL subscription and my styling because if I have those two things, I can find a way to make money.
Sharron Jackson: Yeah.
Timothy Beevor: So this is actually now writing the board paper. So this is writing the file for us. And so this is where Microsoft is really really screwed because they've essentially designed a program called Microsoft Word that is designed for a human to write documents. You know, it's like the formatting and the look and feel and you know how far the indentation is and all that sort of jazz. Now, the AI can write a document that's formatted better than anyone can format.

01:08:02

Timothy Beevor: Like, I I've been writing word documents for 20 years. I can't write as good as these guys can do it. So, now once this is written, I could go in and edit it if I wanted or I can change the colors or so the tool's still useful, but I don't think people in say two years will be using that tool much. Yeah. Like it won't be their primary tool. It'll just be something to present some data. But this should be done soon. We'll go and have a look. And remember like with AI like if it gets it wrong or you think, "Oh, that's terrible or I've got more insight or I've got more data." Like you can iterate. So you can say, "Well, I don't like this." And and you could just sit down and write like a like a almost an unstructured essay of everything you think's wrong with it. And then you can say now this is what I think we really need and then write it all out.

01:08:56

Timothy Beevor: And the AI can look at what it wrote, what your feedback is, the structure you actually want in context of all the information that you've gathered in the last hour and it will write it out again almost flawlessly. And so even if you go down the path and so all the work we've done thus far is not wasted. Does that make sense? like all that context is is is all there and I I
Sharron Jackson: Yeah.
Timothy Beevor: actually train it. So when I write posts um on my social media, I actually ran my analytics through Claude and said how am I performing? And I actually said my analytics uh I hit 3 million unique people which is 12% of the Australian population last month and they said that is analogous to like major news sites. That's the and but I have a style like I've got like single lines and a certain easy way of reading and so I can train my model to write like write like I call it ask bees that's how it's like a word that's not English I say write like bees

01:10:01

Sharron Jackson: Yeah.
Timothy Beevor: and it'll just take a really complicated report and write that like as bees for social media. So you can kind of it's almost like over time you start to kind of form this relationship with the the being and then you can kind of so and you can write these files now.
Sharron Jackson: Yeah.
Timothy Beevor: I saw a new feature where you can write these files of how you want to appear and how you want the output. So if you're a I don't know if you're a doctor you want it to write sort of like you're a doctor or you
Sharron Jackson: Heat.
Timothy Beevor: if you want it to write like you're um a lawyer you know it'll behave like it's writing to a lawyer. So you can actually sort of feed these personas into these tools now. And so I think organizations like if I was if I was doing strategy for AI, which is kind of hilarious because I do um I would actually say to the organization, I'd say forget the IT stuff would not be a you bummer.

01:11:03

Timothy Beevor: Um, yeah, I would forget. I think that just crashed. All right, we'll have another go. Um, yeah. So, I would actually give people the best models and give them the best training and then give them license to go and do stuff. I think you

need to give them the guardrail. so they're safe. Uh, but then that's what I do. And I think like the more people that get good at AI, they'll all the rest they'll work out like building agents and deploying them and all that stuff, they'll just naturally work that stuff out.
Sharron Jackson: Tim, what happens?
Timothy Beevor: Okay.
Sharron Jackson: Um, sorry, I don't want to interrupt.
Timothy Beevor: Okay.
Sharron Jackson: What happens if it's it's done a piece of work and you've given it feedback and your feedback's actually wrong? Right? So, say I've said, "No, that's not correct, Claude." Uh, rethink it, rewrite it. Um, and this is probably the answer that you're looking for. Will it argue back with me?

01:12:19

Sharron Jackson: I like it if it does.
Timothy Beevor: Yeah, it definitely
Sharron Jackson: Yeah. Okay.
Timothy Beevor: will.
Sharron Jackson: It cuz it's got all that context that you've just built, right? You've got it to go and look at all those different things. So, it's got that in its brain. So, if it knows something to be true, it won't let you convince it that it's not.
Timothy Beevor: Um well like it it will it will warn you. So the classic example is is if like if I go and look at I don't know let's say the fire at the refinery. I go and find out what what has everyone said about the fire at the refinery and I'll say I want to write a report that says X with X hypothesis and it'll say well you can't really write that because it's not accurate like it'll tell you and then it'll actually give you encouragement. It'll say, you know, oh, you need to be factual. And then you can actually say back to it, can you go and check my assumptions and just go and check everything I've said?

01:13:14

Timothy Beevor: Is it is there a fact base that can support that? And it'll go away and it'll look at it and it'll come back and say, yes, yes, yes, yes, yes. No, this bit's a bit weak.
Sharron Jackson: Yeah.
Timothy Beevor: And then you say, now write me the article.
Sharron Jackson: Okay.
Timothy Beevor: And then you go, you know, if I was to be challenged on this, you

know, if anyone could say this misinformation,
Sharron Jackson: Yeah.
Timothy Beevor: can you do that? And then and then you say to it you say to it am I doing anything dodgy? And it'll come back and it'll go no you you're being good you know like at the end of the day it's
Sharron Jackson: Yeah.
Timothy Beevor: just it's just an algorithm working. It's not a real human.
Sharron Jackson: Yeah. Yeah.
Timothy Beevor: Um but you can you can definitely like stress test stuff.
Sharron Jackson: I know.
Timothy Beevor: So if you had financials or something like that um you can definitely get it to go well you know what are the scenarios here and it can it can draw charts you can build software.

01:14:02

Timothy Beevor: you can build dashboards um in HTML where you can change variables and see what would happen and model certain things over time. So pretty much anything in mathematics or modeling or data science or data analytics um it can do.
Sharron Jackson: Awesome.
Timothy Beevor: And so I think and and I think that's the other thing like um people always when they talk about AI they think
Sharron Jackson: Thanks.
Timothy Beevor: of it as like a large language model. The large language model in my opinion is like the user interface, but the coding and the agentic behavior is the actual power.
Sharron Jackson: The brain. Yeah, they're building building their brain.
Timothy Beevor: That's actually and so if you have co-pilot,
Sharron Jackson: Yeah.
Timothy Beevor: it's only giving you a quarter of the tool. And so you're not going to get very
Sharron Jackson: Yeah.
Timothy Beevor: far.
Sharron Jackson: You've convinced me. It's all good.
Timothy Beevor: I was trying this again. This is this is actually obviously a very big task. It's I hope it gets there.

01:15:05

Timothy Beevor: What about if I try? What if I grab that? This might be a bit easier for it. It'll be output document. I've never seen it not finish before, but I have seen it like sort of fall over before. It'll get there. It just takes time. Yeah. So, you see this? See the difference between this? So, this is actually See, that's thinking in in like layers. This is also potentially a complicated business as well. It's not like, you know, some businesses are cost lines and that are pretty simple, but some businesses are over here. That's still down. You can see why it takes a while. Hey, he's having to write me the whole dot in code. See, that one's much faster than that one. That's probably redundancies. Workplace health. So now it's writing the code to write the dock. I reckon this one will be nearly finished soon as well.

01:20:46

Timothy Beevor: Typically on these $100 plans, um you can work at this kind of pace for like a a work window is 5 hours. Um if you absolutely hammer it, I tend to run it out about about hour four if I'm coding. And then what it'll do is it'll say, "Uh-uh, you've done too much work. um come back at, you know, whatever the time is. But I've only been going for an hour and 15 minutes, so I doubt I'll run it out. But this is this has been pretty heavy, but we'll see. Um I don't I don't think it'll run out. Of course, there's a $200 plan as well. if you have trouble. Another interesting tidbit is um if you buy one of these plans personally, it'll give you, you know, pretty much as much tokens as a human can use. If you buy this tool um in an enterprise level, they don't give you like this massive allocation anymore. You've actually got to pay for the tokens, which I've found have been a lot more expensive.

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Timothy Beevor: So, so I think organizations need to start thinking about AI not just as a a kind of subscription. It's it's more like a labor cost like what am I willing to pay for the utilization. Um, but having said that, we pay humans a lot. So, it makes sense that you'd pay for work if it's doing it well. All right. So, we're still working that one. Closing section. Okay, now it's writing the code to assemble this. 630 paragraphs, 29 pages. It's checking all the rendering. Don't know what colors this company is. Is it burnt orange? It might have actually worked that out itself.
Paul: Yeah, I couldn't tell you. Something like that blue, teal, and that burnt color.
Timothy Beevor: Yeah. Audio.
Paul: Yeah, it's actually three ports across the southwest.

Timothy Beevor: I've never seen that before. Can you open this for me? All right. So, we'll have a look at this one. Just download this one.

01:25:14

Timothy Beevor: So this is It's hard for me to comment on this cuz I don't know this business very well. How is What the hell is that? Oh, dude. All right, everybody. Okay, cool. Stop. There we go. There we go. So, we'll download this. So, this was the big powerful one, which is the one I wanted. There you go. So this is going to be a much better one than the other one because this one's actually got all of the grunt in behind it. But so at the current there's very little revenue impact. In fact, there's a little bit of upside. But then if we go to constrained economy, rationed economy and a structured rupture, um this will require a restructure. Sustained loss. Liquidity is adequate but it's under review. People risk high all sight severe. Now I'd really want to dig into this. Um, I've only, you know, I've only sort of done this the first time.

01:28:45

Timothy Beevor: So, we've got the financial shape, the revenue composition, cost composition, the operational footprint. So, three ports, Abony, Bumbrey, and Esperence. Here's your workforce, your assets. What the board should not is uh not disclosing any report name, customer concentration, fuel cost per line item, a board level risk register. These gaps shape the assessment can not say with confidence. So it's actually telling you what you probably should give it to give it a better outcome. And then it's actually going through and it's actually telling you what's going on in the world. It's then mapping to the national security plan. He's looking at the line by line exposures, the protected lines, the cost items, the people impact, access and attendance, well-being, retention, recruitment, union environment, the cultural impact, the trade and throughput impact, So there's threats against western critical infrastructure. Um obviously if you could give it more data you could probably expand these safety net financial impact. So this is what's going to happen the fastest. Now this is only under scenario one.

01:30:28

Timothy Beevor: So what what we should pre-make at this tier. Commission a fuel disruption business continuity rehearsal. Request an accelerated options analysis for the cyber program. agree to the FY2026 profit communication strategy. Approve or

refresh a customer concentration disclosure and authorize executive attendance at state level fuel supply coordination forums. So that's what you probably should do at that level. Then we move into the constrained economy. Okay. So this sort of gives you through what's happening. So you you you'll see a 31 million yield for iron ore. Grain will come off the bottom revenue will go down. Alcoa fertilizer. So estimated range 8 to 15% of total revenue. So 14 to 25 million of 169 million B base concentrated in cargo charges line by line might have further redundancies. Yeah. So I'm happy to send that over to whoever that I think it was Paul that asked me about it. Um,
Paul: Yeah, that'd be great, Tim.
Timothy Beevor: just in interest,
Paul: Thanks.

01:31:54

Timothy Beevor: let's go down to tier three, 34 to 60 mil. Let's just get another the ugly one. Now you got to remember if Yeah, I don't know if this is the government. It must be the government one because I gave it to it.
Paul: Yeah, we've got got a lot of exposure in the sense that when diesel is a critical input to obviously move
Timothy Beevor: Um
Paul: the move the vessels to transport the pilots to and from the vessels to bring them in. Um and then secondly obviously the the fertilizer inputs that sustained the grain trade which was about 25% of revenue across the three ports.
Timothy Beevor: The other thing I'd note too is everyone's assuming that the government can come in and save them. And I'm sure that will be true in some industries, but just think about this is going to hit everyone all at once. So there's no guarantee like in a normal situation, oh yeah, we had something burnt down or something bad happen, you know, give us some money government. I don't know if the government's and also if you're looking at like and this is where the scenario comes out like like what would happen if this happened across the economy would the government be able to bail us out you know and say get it to go off and do research about that and you might have you know could you think of other examples because this has never really happened at this scale

01:33:34

Paul: No, I agreed. I think um in terms of hierarchy, the state seems to be taking some actions themselves. They've just got a bit of a cargo into the northwest presumably to support those remote um most likely a communities that are really

exposed to they've got no other no other fuel supplies, no other power supplies. So that'll be mission critical. um most vulnerable at the extremes of the supply chain. Um clearly our agricultural season and planting seasons right in the midst of it at the moment. So if we keep it going down here for a bit and then obviously the the very large mining operations which happen in sort of the Midwest and the Pil in particular massive diesel users. So, I can't see Perth getting a lot of diesel supply necessarily other than for critical critical factors, you know, like um emergency services and, you know, great task.
Timothy Beevor: Yeah. So, you another cool thing you might be able to do is you might be able to say, um, wow, this is really bad. Um, if this goes to level four, it's probably going to have a very big impact on Perth.

01:34:52

Timothy Beevor: According to the government's own plans, what do you think it will look like for me living in Perth? What will impact my immediate life? Do you think? And so this is where you can start sort of riffing
Paul: Have to park up the 79 series,
Bruce: Hold
Paul: Tim.
Timothy Beevor: Yeah, I think so. I think so. Oh, it's actually telling me my own situation. So, he knows me because I've got that on. So, saying you're fine, Tim. You got a Model Y. You got this. You got
Sharron Jackson: She's fabulous. I've met her.
Bruce: on.
Timothy Beevor: Yeah, construction slows social mood. This is coming up with a nonsensical answer because it's it's got my blah blah blah.
Bruce: Hold
Paul: says you shouldn't go full preper. Tim
Timothy Beevor: Yeah. Don't go full prepper. There's no point. Um, yeah. So, I mean, I can keep going around.
Bruce: on.
Timothy Beevor: Is there any is there any questions anyone would like to ask the model?

01:36:36

Timothy Beevor: What would likely what
Sharron Jackson: test the numbers next
Timothy Beevor: would likely happen to what's an organization in Perth that's kind

of a public
Sharron Jackson: week.
Timothy Beevor: organization? What's a university over there?
Paul: uh University Western Australia. Yep.
Timothy Beevor: Add a high level. Yeah. International student pipeline. Domestic research funding, operational cost rise, but less dramatically than you'd think. research partnerships, field research, travel budgets. And so you can sort of have these conversations backwards and forwards, you know, like at the moment this is kind of like a linear thing. It's really just looking at that document and then it's going through. But you can start saying things like, "Well, what if America's at war with China and what would that do?" And um, you know, you can start to sort of um, there you go. Yeah. FY26 numbers are probably fine, but your 27 28 won't be. So, we need attention on that. Yeah. So obviously you'd need a lot more work to you probably give it more data and stuff like that but you can start to play with scenarios.

01:38:32

Timothy Beevor: Um and if you go really down the rabbit warren and you sort of look at you know how are the events connected and what's the likely outcome and what what what is observably happening in the world and what the probability of different things you can start to sort of model out what you think could come next. Um, and the reason I was saying before like understanding the world context, like you can say like we want this disaster to end, but then you need to go, well, what would the United States's objectives be in this war? And have they been met? You could ask that. And if the answer is, well, probably not. If they're still in charge and everything's happening and um they've just spent $400 billion doing it, it's probably not over yet. And so then you can start asking questions like, you know, well, what is the evidence that it might not be over? And then it'll go and find a bunch of evidence. And then you can start to say, okay, well, how long could this go on for?

01:39:34

Timothy Beevor: And you can start to come up with some scenarios. And then you can model that back to your your business as well. So it's not like, you know, I don't know, a flood or a fire in this situation. This is like decisions. This is like a war. So um, you got to sort of look at it through that that lens. So, was that
Bruce: Yes, very much.
Timothy Beevor: helpful?
Bruce: Thank you.
Sharron Jackson: That was great, Tim.

Paul: Yeah, that was good, mate. Thank
Bruce: Thanks.
Paul: you.
Timothy Beevor: Yeah. So, who who sent me that? Was it Paul?
Paul: Yeah, that was my fault.
Timothy Beevor: Just trying to work.
Paul: Sorry.
Timothy Beevor: I just want to make sure I get your It always comes up as Paul, but I never know because I've got like 90 emails on there. What's
Paul: Oh, uh, Paul Robert Mackey,
Timothy Beevor: yours?
Paul: M A C E Y at
Timothy Beevor: I'll go a Gmail.
Paul: Gmail.
Timothy Beevor: I'll go find it and I'll send you that report.

01:40:38

Paul: Thanks, man.
Timothy Beevor: Yeah. And just remember with these things guys like these models make mistakes but it gives you kind of a read you know like it sort of surfaces up all the ideas for you and then you can go and test them and yeah it's almost like you can go through line by line and go well I don't think that's right or you've assumed that wrong. So that's what I would do next. I'd go through the report. I get someone that's in finance or someone with really good eyes to go through and just write a document that says I think this is wrong or I think you should consider this or you know give it some more information and and you can kind of iterate it and then you'll you'll find you'll get to a point where with assumptions you'll be happy with it because I mean that's all a model is right it's a it's a set of assumptions but I think these tools can really help you accelerate that and probably in a more informed way actually because you can give it more context

01:41:30

Paul: Yeah, I could certainly see the power of sort of picking out some of the eyes of some of the outputs and really dig in a bit bit further on those aspects.
Timothy Beevor: Yeah. Well, if there's nothing else, I'll let you all go, but thank you for coming and um yeah, I'll send that report over to Paul. If anyone would like to model something else, um, I've still got that stream, so I'm happy to model your org if you want. Um, yeah,

Sharron Jackson: Tim, if you've got time, you can do to do my org if you like.
Bruce: Okay.
Timothy Beevor: I've already done it,
Sharron Jackson: Yeah,
Timothy Beevor: Sharon.
Sharron Jackson: I thought you might have actually.
Timothy Beevor: But I've done it on I've done it on my um my model, which is that that was a bit crappy. Like I think it was okay, but um it was a bit it was a lot simpler than what I've done because I've like, you know, done a crazy amount of analysis.
Sharron Jackson: Yeah.
Timothy Beevor: So, I think I think mine's up,
Sharron Jackson: All right. Well, maybe we'll have a chat.
Timothy Beevor: but I'll um I'll email something
Sharron Jackson: Okay.
Timothy Beevor: over.
Sharron Jackson: Um, thank you. That was
Timothy Beevor: No works.
Bruce: Yeah, that was terrific.
Sharron Jackson: awesome.
Bruce: Thanks, Tim.
Timothy Beevor: No worries, guys. Enjoy your Sunday night.
Bruce: Yeah,
Sharron Jackson: Have a good night.
Bruce: cheers. Good night.
Paul: Thanks again.
Bruce: All right.
Paul: Cheers.
Bruce: All right.

Transcription ended after 01:43:01

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