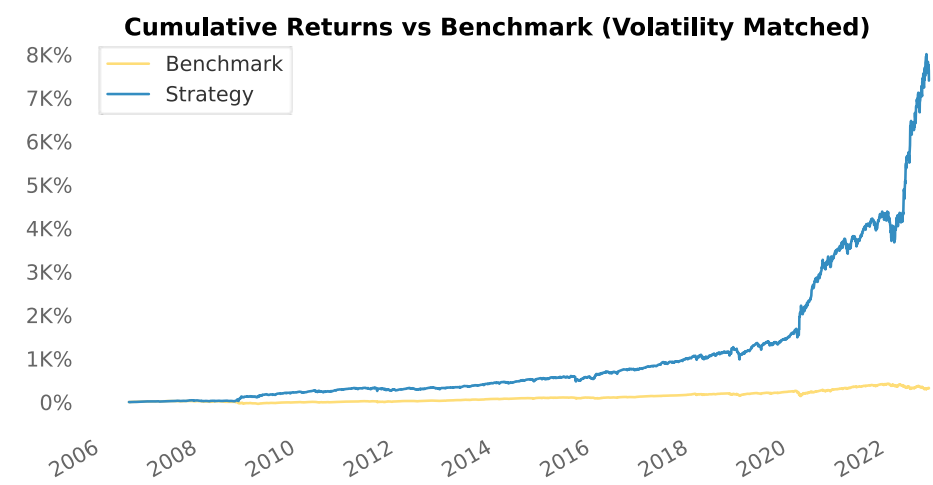
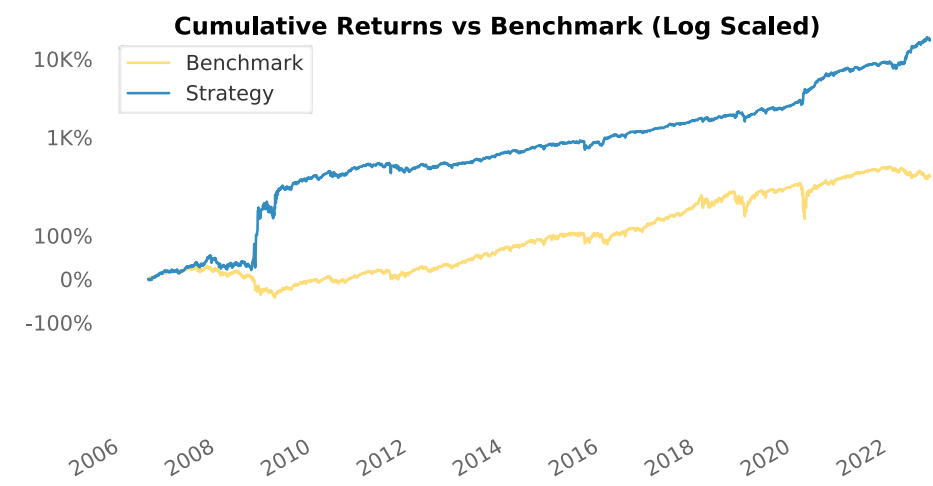
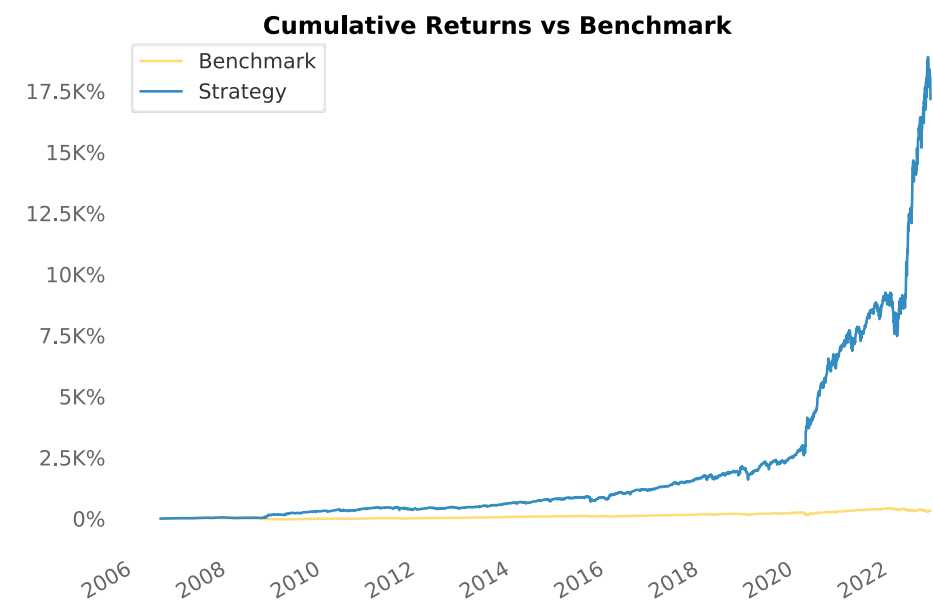
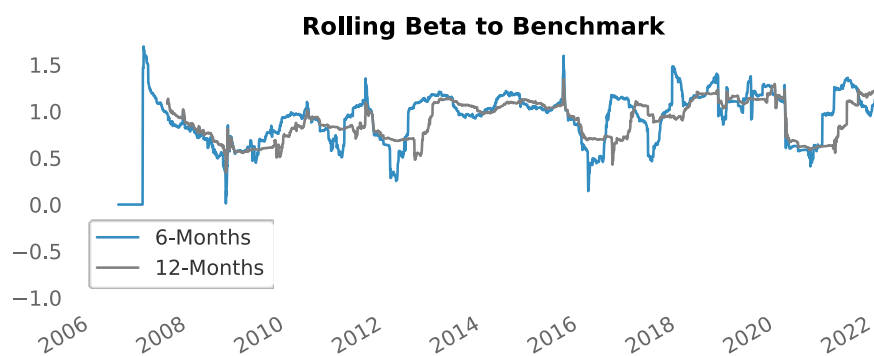
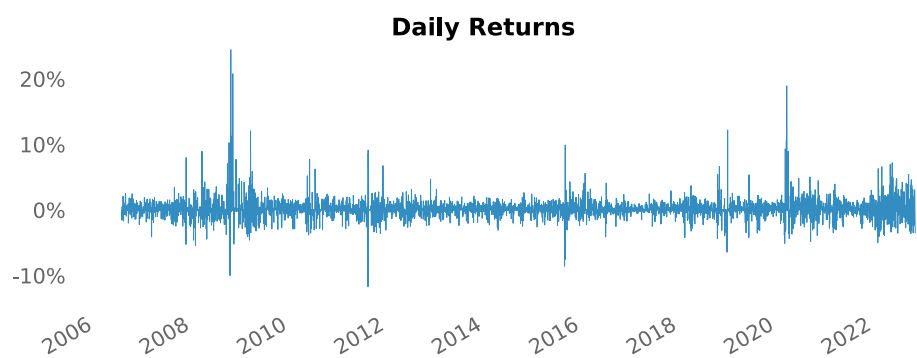
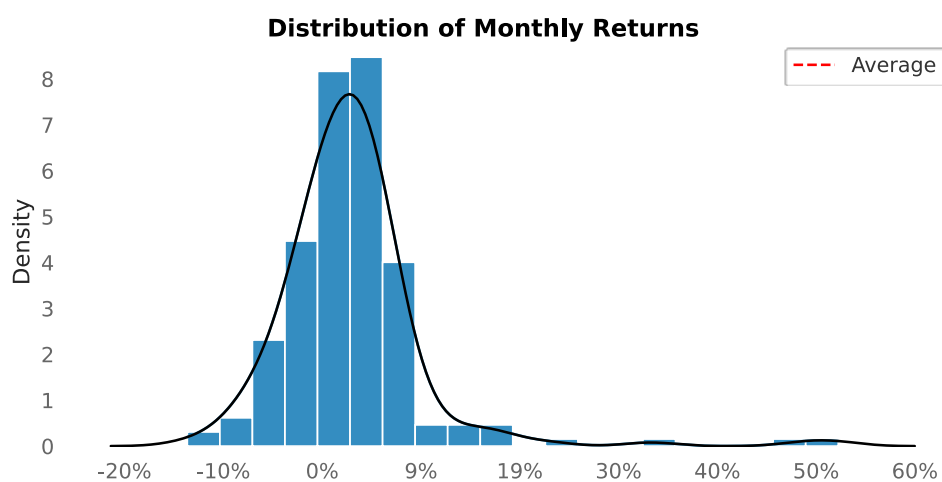
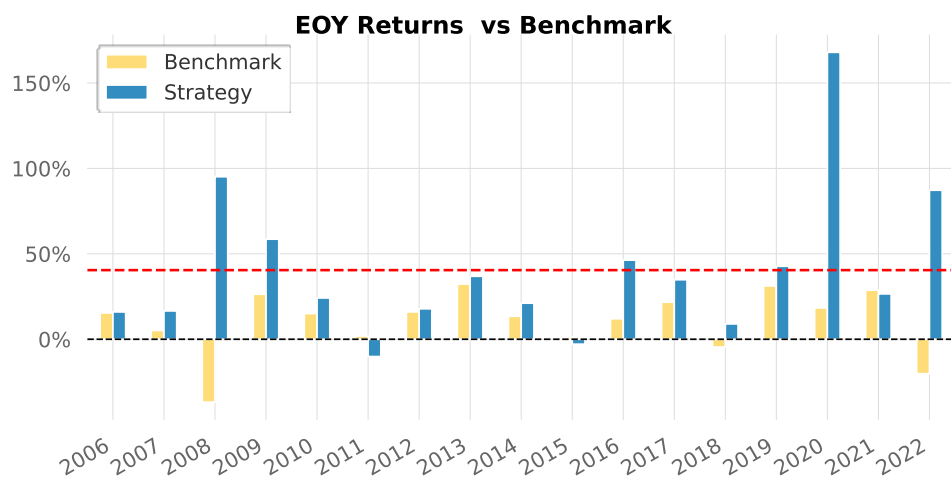
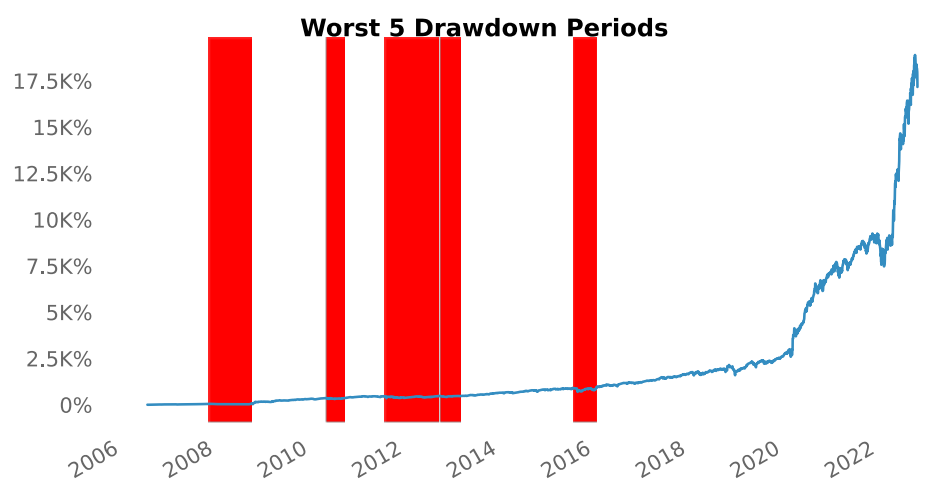
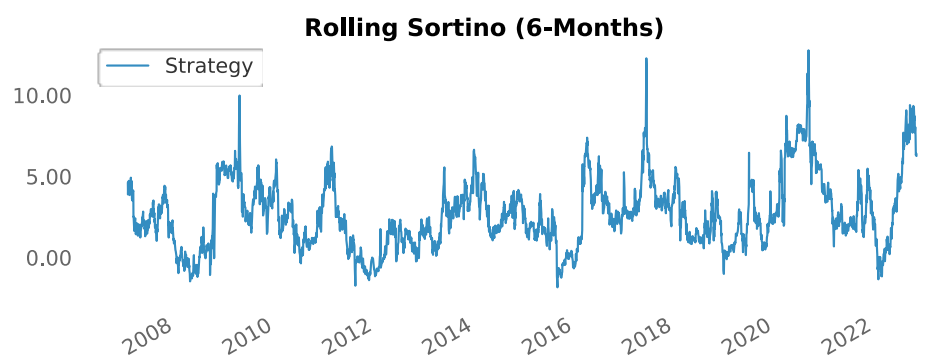
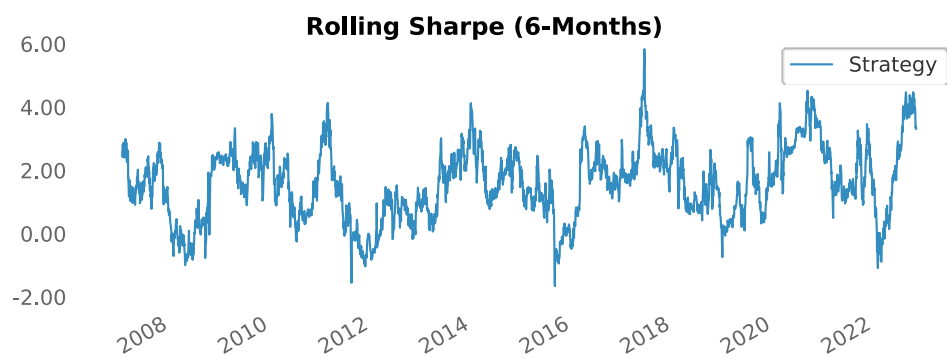
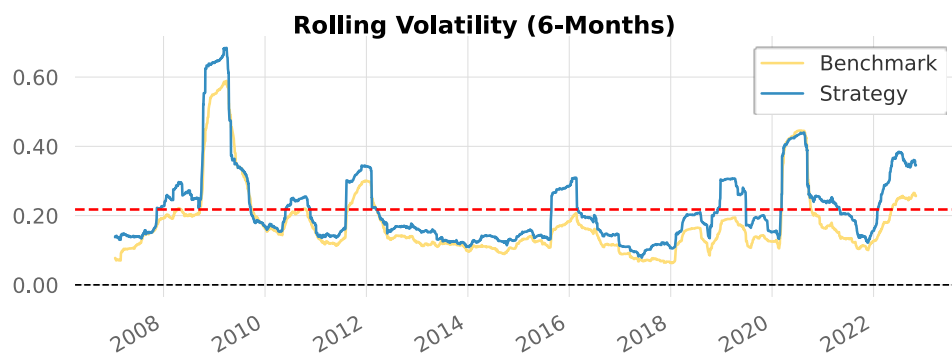
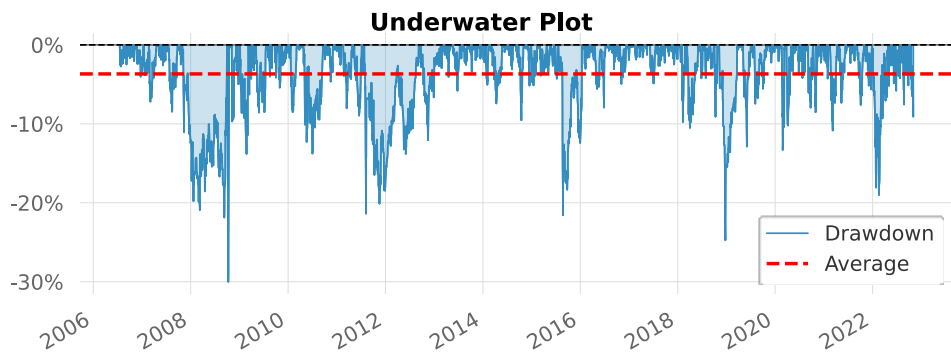




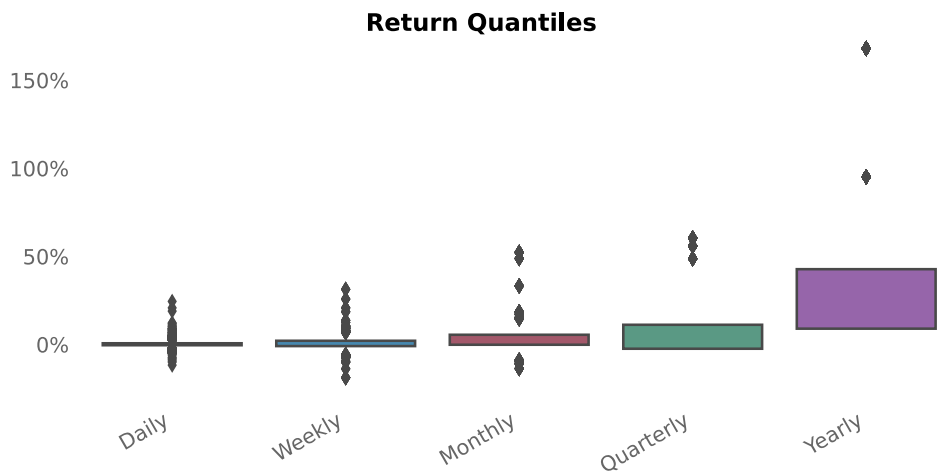






Monthly Returns (%)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2006	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	4.77	4.58	4.75	3.43	-2.00
2007	2.11	-1.68	0.46	8.09	3.15	0.48	-0.15	1.60	5.25	10.35	-5.85	-6.99
2008	-4.50	-4.16	5.52	0.43	2.29	4.61	-6.89	-2.75	33.23	52.24	0.79	1.56
2009	-1.57	-0.48	14.58	13.06	-4.29	2.95	9.07	1.47	5.65	-3.05	6.35	5.21
2010	-6.47	4.60	7.90	3.60	-0.97	-9.61	5.30	3.96	6.14	6.34	-2.02	4.77
2011	2.70	3.16	-0.45	2.87	-1.22	-2.03	1.67	-3.51	-3.49	-4.49	1.50	-6.75
2012	8.42	3.07	5.31	-1.17	-7.04	3.62	1.00	5.77	0.89	-5.28	3.51	-0.47
2013	2.67	0.34	3.03	2.54	3.76	-2.40	6.31	-0.40	4.83	4.96	3.55	2.93
2014	-1.92	5.15	-2.73	-0.32	4.49	3.12	2.49	5.01	0.17	0.89	3.43	-0.07
2015	-2.08	7.22	-2.36	1.92	2.25	-2.48	4.56	-13.65	2.18	9.00	1.45	-8.61
2016	22.72	0.26	6.85	-3.19	4.37	-0.56	7.15	1.05	2.21	-1.46	0.44	1.13
2017	5.88	1.32	2.86	2.73	6.38	-2.49	4.06	2.07	-0.29	4.61	2.90	0.60
2018	6.29	-1.29	-4.08	0.51	5.67	1.15	2.80	5.78	-0.28	7.25	-2.67	-10.93
2019	6.19	2.99	8.42	6.92	-8.32	8.00	2.33	-1.90	0.92	4.38	4.07	3.32
2020	5.52	-5.28	48.80	4.70	6.60	17.12	7.35	10.94	2.31	-3.04	11.23	4.90
2021	0.26	-0.13	1.72	5.91	-1.20	6.26	3.48	4.22	-5.68	7.86	0.69	1.15
2022	-8.87	-1.38	9.00	17.38	18.54	15.26	8.09	4.31	6.14	4.31	-4.51	0.00



Key Performance Metrics

Metric	Strategy	Benchmark
Risk-Free Rate	0.0%	0.0%
Time in Market	100.0%	100.0%
Cumulative Return	17,167.61%	315.65%
CAGR	37.16%	9.13%

Metric	Strategy	Benchmark
Sharpe	1.41	0.53
Prob. Sharpe Ratio	100.0%	98.42%
Smart Sharpe	1.37	0.52
Sortino	2.4	0.75
Smart Sortino	2.33	0.73
Sortino/ $\sqrt{2}$	1.7	0.53
Smart Sortino/ $\sqrt{2}$	1.65	0.51
Omega	1.35	1.35
Max Drawdown	-30.02%	-55.19%
Longest DD Days	414	1772
Volatility (ann.)	24.49%	20.2%
R ²	0.32	0.32
Information Ratio	0.07	0.07
Calmar	1.24	0.17
Skew	2.6	-0.09
Kurtosis	36.5	14.15
Expected Daily	0.13%	0.03%
Expected Monthly	2.65%	0.73%
Expected Yearly	35.39%	8.74%
Kelly Criterion	12.13%	5.79%
Risk of Ruin	0.0%	0.0%
Daily Value-at-Risk	-2.4%	-2.05%
Expected Shortfall (cVaR)	-2.4%	-2.05%
Max Consecutive Wins	14	14
Max Consecutive Losses	9	8
Gain/Pain Ratio	0.35	0.11
Gain/Pain (1M)	2.88	0.68
Payoff Ratio	1.0	0.91
Profit Factor	1.35	1.11
Common Sense Ratio	1.36	0.99
CPC Index	0.76	0.56
Tail Ratio	1.01	0.89
Outlier Win Ratio	4.33	5.28
Outlier Loss Ratio	4.09	4.28
MTD	-4.51%	-2.94%
3M	10.33%	-8.36%
6M	62.84%	-8.24%
YTD	87.25%	-20.16%
1Y	90.07%	-17.28%
3Y (ann.)	90.43%	7.98%
5Y (ann.)	59.69%	9.25%
10Y (ann.)	41.34%	12.21%
All-time (ann.)	37.16%	9.13%
Best Day	24.45%	14.52%
Worst Day	-11.71%	-10.94%
Best Month	52.24%	12.7%

Metric	Strategy	Benchmark
Worst Month	-13.65%	-16.52%
Best Year	167.97%	32.31%
Worst Year	-10.13%	-36.79%
Avg. Drawdown	-2.38%	-1.74%
Avg. Drawdown Days	15	22
Recovery Factor	571.85	5.72
Ulcer Index	0.06	0.14
Serenity Index	407.13	1.1
Avg. Up Month	4.74%	3.56%
Avg. Down Month	-4.07%	-3.77%
Win Days	56.01%	55.17%
Win Month	69.54%	66.33%
Win Quarter	81.82%	74.24%
Win Year	88.24%	82.35%
Beta	0.69	-
Alpha	0.27	-
Correlation	56.61%	-
Treynor Ratio	25016.19%	-

EOY Returns vs Benchmark

Year	Benchmark	Strategy	Multiplier	Won
2006	15.38%	16.00%	1.04	+
2007	5.15%	16.59%	3.22	+
2008	-36.79%	95.14%	-2.59	+
2009	26.35%	58.59%	2.22	+
2010	15.06%	24.16%	1.60	+
2011	1.89%	-10.13%	-5.35	-
2012	15.99%	17.83%	1.12	+
2013	32.31%	36.87%	1.14	+
2014	13.46%	21.12%	1.57	+
2015	1.23%	-2.88%	-2.34	-
2016	12.00%	46.33%	3.86	+
2017	21.71%	34.85%	1.61	+
2018	-4.57%	8.98%	-1.97	+
2019	31.22%	42.74%	1.37	+
2020	18.33%	167.97%	9.16	+
2021	28.73%	26.55%	0.92	-
2022	-20.16%	87.25%	-4.33	+

Worst 10 Drawdowns

Started	Recovered	Drawdown	Days
2008-10-03	2008-10-15	-30.02%	12
2018-11-08	2019-03-26	-24.75%	138
2007-11-01	2008-09-30	-21.87%	334
2015-07-21	2016-01-14	-21.59%	177
2011-07-27	2012-09-13	-21.39%	414
2021-12-28	2022-04-26	-19.03%	119

Started	Recovered	Drawdown	Days
2009-01-07	2009-03-10	-13.82%	62
2010-04-26	2010-09-20	-13.77%	147
2020-02-20	2020-03-13	-13.31%	22
2019-05-06	2019-07-03	-12.89%	58