

Database exists, assume schema does, too.

Symbol

SP1500	SPTM
SP500	SPY
SP600	SLY
SP400	MDYG

Symbol

Communication Services ETF	VOX
Consumer Discretionary ETF	VCR
Consumer Staples ETF	VDC
Energy ETF	VDE
Financials ETF	VFH
Health Care ETF	VHT
Industrials ETF	VIS
Information Technology ETF	VGT
Materials ETF	VAW
Real Estate ETF	VNQ
Utilities ETF	VPU

Seasonal Indexes

	03-31	06-30	09-30	12-31
0	Energy ETF	Information Technology ETF	Information Technology ETF	Information Technology ETF
1	Information Technology ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	Financials ETF
2	Utilities ETF	Energy ETF	SP500	Materials ETF
3	SP1500	Materials ETF	Industrials ETF	SP600
4	Industrials ETF	SP1500	SP1500	Consumer Discretionary ETF
5	SP500	SP500	Health Care ETF	SP400
6	SP600	SP600	Utilities ETF	SP500
7	Health Care ETF	SP400	Consumer Staples ETF	SP1500
8	Consumer Staples ETF	Health Care ETF	Financials ETF	Health Care ETF
9	SP400	Communication Services ETF	Materials ETF	Consumer Staples ETF
10	Financials ETF	Real Estate ETF	Communication Services ETF	Energy ETF
11	Consumer Discretionary ETF	Financials ETF	SP400	Utilities ETF
12	Real Estate ETF	Industrials ETF	Real Estate ETF	Industrials ETF
13	Materials ETF	Consumer Staples ETF	SP600	Real Estate ETF
14	Communication Services ETF	Utilities ETF	Energy ETF	Communication Services ETF

	03-31	06-30	09-30	12-31
SP1500	-0.010622	0.081757	0.041626	0.049958
SP500	-0.011990	0.080771	0.045646	0.050086
SP600	-0.017768	0.080509	0.019158	0.057970
SP400	-0.019859	0.080174	0.020554	0.051549
Communication Services ETF	-0.032872	0.075995	0.022591	0.017899
Consumer Discretionary ETF	-0.021214	0.120254	0.052510	0.052777
Consumer Staples ETF	-0.018663	0.035480	0.034807	0.045915
Energy ETF	0.055913	0.096281	-0.039735	0.042416
Financials ETF	-0.020711	0.061049	0.030176	0.065446
Health Care ETF	-0.017923	0.078706	0.041045	0.047467
Industrials ETF	-0.011020	0.058300	0.045427	0.039920
Information Technology ETF	0.006217	0.121831	0.068693	0.067531
Materials ETF	-0.026671	0.082827	0.027940	0.058669
Real Estate ETF	-0.026416	0.075756	0.019424	0.038472
Utilities ETF	-0.001263	0.026125	0.039218	0.042001

Note if the final data in the prices ends on a quarter, this will aggregate into the seasonal_index above and there will be no comparison
Current

06-10

Energy ETF	0.157138
Utilities ETF	-0.038317
Consumer Staples ETF	-0.056250
Materials ETF	-0.080392
SP600	-0.094221
Health Care ETF	-0.096116
Industrials ETF	-0.121767
SP400	-0.126263
SP1500	-0.133501
SP500	-0.136923
Financials ETF	-0.144127
Real Estate ETF	-0.145335
Communication Services ETF	-0.186172
Information Technology ETF	-0.190021
Consumer Discretionary ETF	-0.213144

standard deviations

	03-31	06-30	09-30	12-31
SP1500	0.134644	0.072380	0.037999	0.110320
SP500	0.127411	0.070450	0.039033	0.106496
SP600	0.199479	0.088447	0.037096	0.179394
SP400	0.157662	0.100224	0.037075	0.138781
Communication Services ETF	0.138244	0.095192	0.045269	0.123434
Consumer Discretionary ETF	0.151791	0.146922	0.083611	0.127243
Consumer Staples ETF	0.096633	0.035421	0.049261	0.063730
Energy ETF	0.369457	0.166709	0.099129	0.202483
Financials ETF	0.192299	0.053666	0.014462	0.140299
Health Care ETF	0.079810	0.054107	0.065798	0.098650
Industrials ETF	0.178470	0.072339	0.066050	0.134044
Information Technology ETF	0.135329	0.113409	0.054569	0.136753
Materials ETF	0.163483	0.099766	0.065317	0.127072
Real Estate ETF	0.161483	0.056090	0.032025	0.078165
Utilities ETF	0.092016	0.021473	0.033841	0.054883

t scores

	03-31	06-30	09-30	12-31
SP1500	-0.035281	0.505153	0.489908	0.202519
SP500	-0.042087	0.512730	0.522980	0.210329
SP600	-0.039834	0.407076	0.230960	0.144515
SP400	-0.056330	0.357747	0.247928	0.166115
Communication Services ETF	-0.106341	0.357027	0.223180	0.064848
Consumer Discretionary ETF	-0.062503	0.366041	0.280865	0.185493
Consumer Staples ETF	-0.086371	0.447954	0.315992	0.322196
Energy ETF	0.067680	0.258283	-0.179260	0.093682
Financials ETF	-0.048166	0.508740	0.933164	0.208614
Health Care ETF	-0.100433	0.650529	0.278976	0.215182
Industrials ETF	-0.027615	0.360421	0.307577	0.133187
Information Technology ETF	0.020546	0.480423	0.562966	0.220841
Materials ETF	-0.072960	0.371283	0.191302	0.206478
Real Estate ETF	-0.073157	0.604012	0.271246	0.220111
Utilities ETF	-0.006140	0.544116	0.518265	0.342246

p values

	03-31	06-30	09-30	12-31
SP1500	0.487036	0.675887	0.671106	0.573766
SP500	0.484537	0.678247	0.681422	0.576557
SP600	0.485364	0.644372	0.583899	0.552872
SP400	0.479310	0.627889	0.589904	0.560685
Communication Services ETF	0.461012	0.627646	0.581136	0.523813
Consumer Discretionary ETF	0.477047	0.630688	0.601465	0.567662
Consumer Staples ETF	0.468307	0.657720	0.613641	0.615774
Energy ETF	0.524851	0.593553	0.434579	0.534366
Financials ETF	0.482306	0.677006	0.790214	0.575945
Health Care ETF	0.463168	0.719135	0.600805	0.578288
Industrials ETF	0.489852	0.628793	0.610739	0.548761
Information Technology ETF	0.507551	0.668108	0.693606	0.580304
Materials ETF	0.473215	0.632451	0.569748	0.575182
Real Estate ETF	0.473143	0.705773	0.598102	0.580044
Utilities ETF	0.497743	0.687902	0.679964	0.622630

```
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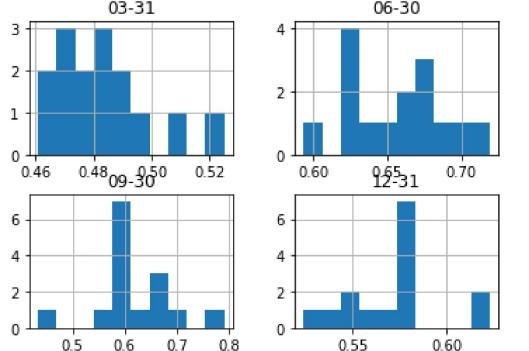
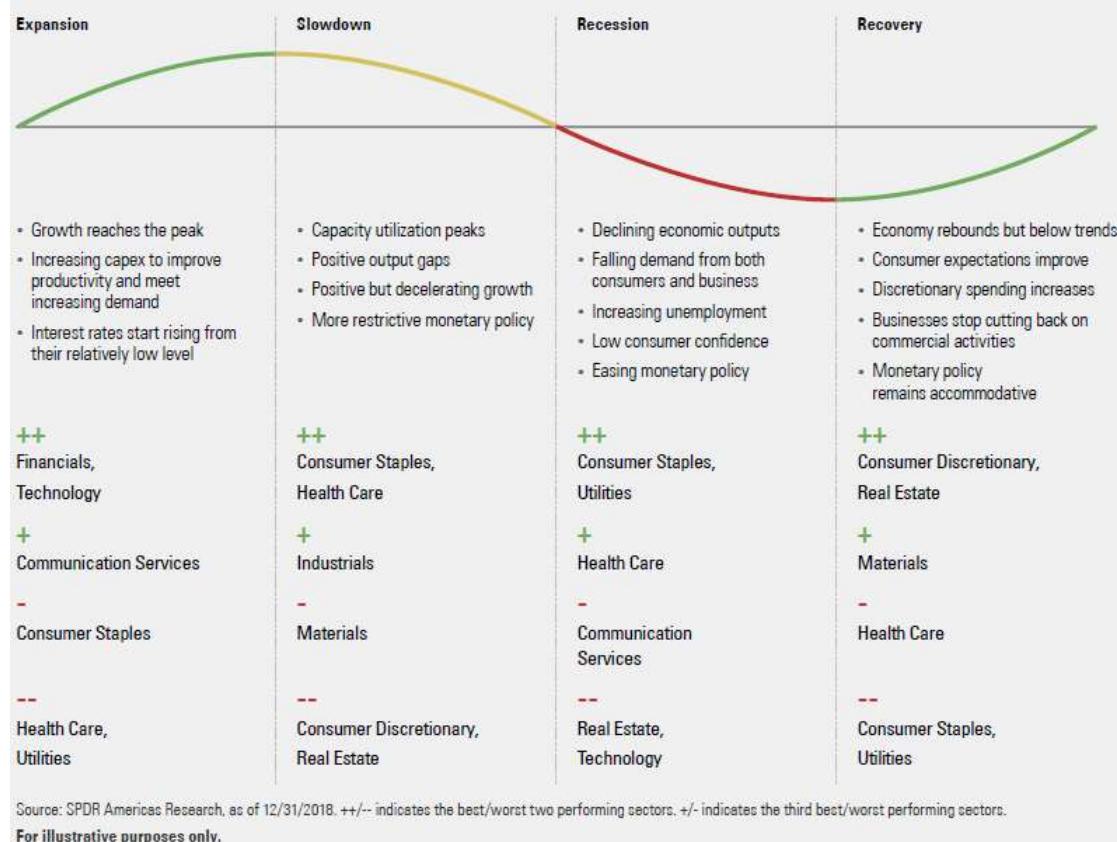


Figure 11: A Sector Roadmap for Business Cycles





Cycles

Strongest

Weakest

Expansion

Tech
Financials
Real Estate
Consumer D
Industrials
Materials
Energy
Healthcare
Cons. Staples
Utilities

Slowdown

Cons. Staples
Healthcare
Industrials
Utilities
Tech
Energy
Financials
Materials
Consumer D
Real Estate

Recession

Cons. Staples
Energy
Utilities
Healthcare
Consumer D
Materials
Industrials
Financials
Tech
Real Estate

Recovery

Real Estate
Consumer D
Materials
Tech
Industrials
Energy
Financials
Healthcare
Cons. Staples
Utilities

	Energy ETF	Utilities ETF	Consumer Staples ETF	Materials ETF	SP600	Health Care ETF	Industrials ETF	SP400	SP1500	SP500	Financials ETF	Real Estate ETF	Communication Services ETF	Information Technology ETF	Consumer Discretionary ETF
2017-03-31 00:00:00	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
2017-06-30 00:00:00	-0.078709	0.022113	0.01040	0.026999	0.018327	0.072895	0.042167	0.031752	0.030375	0.030708	0.038955	0.017375	-0.024136	0.041388	0.028386
2017-09-30 00:00:00	0.069612	0.031518	-0.012346	0.066617	0.064962	0.040565	0.052781	0.035020	0.044807	0.045666	0.052789	0.008095	0.015498	0.083223	0.014521
2017-12-31 00:00:00	0.073946	0.000687	0.059268	0.071798	0.038747	0.018576	0.066175	0.074139	0.066880	0.069917	0.073683	0.012742	0.000763	0.093087	0.097848
2018-03-31 00:00:00	-0.078807	-0.033734	-0.073521	-0.072483	-0.011631	-0.020049	-0.033542	-0.003978	-0.021321	-0.024130	-0.015065	-0.086159	-0.085669	0.020711	-0.001942
2018-06-30 00:00:00	0.150528	0.053422	0.006353	0.036210	0.106722	0.055259	-0.008057	0.045520	0.052094	0.047568	-0.011331	0.094633	0.035862	0.080437	0.088528
2018-09-30 00:00:00	0.021911	0.019751	0.050064	0.007338	0.032842	0.137698	0.094874	0.032902	0.070536	0.078236	0.031675	0.000044	0.023115	0.117719	0.066008
2018-12-31 00:00:00	-0.267451	0.009925	-0.055862	-0.154310	-0.193040	-0.108129	-0.183620	-0.172165	-0.142834	-0.137319	-0.138848	-0.058855	-0.143117	-0.174415	-0.162070
2019-03-31 00:00:00	0.178564	0.103055	0.111156	0.126958	0.124660	0.081835	0.183161	0.157497	0.151853	0.144236	0.109942	0.173365	0.139541	0.217473	0.157197
2019-06-30 00:00:00	-0.048754	0.035855	0.036556	0.040951	0.010843	0.017469	0.034436	0.030815	0.039106	0.040369	0.067026	0.015389	0.035928	0.054745	0.040127
2019-09-30 00:00:00	-0.075658	0.090872	0.056319	-0.013089	-0.004200	-0.035439	0.004465	-0.009122	0.006291	0.011423	0.013235	0.075811	-0.002023	0.016115	0.002509
2019-12-31 00:00:00	0.054552	0.002011	0.036517	0.066971	0.082573	0.147851	0.058155	0.066590	0.090490	0.089876	0.096390	0.005745	0.086727	0.139034	0.056223
2020-03-31 00:00:00	-0.523877	-0.141270	-0.141472	-0.278876	-0.328050	-0.131539	-0.279339	-0.247693	-0.205302	-0.194477	-0.330709	-0.241350	-0.187109	-0.131215	-0.231167
2020-06-30 00:00:00	0.332245	0.024507	0.094561	0.260712	0.223617	0.164463	0.182339	0.259149	0.206715	0.201618	0.135641	0.135399	0.224230	0.318555	0.379795
2020-09-30 00:00:00	-0.188315	0.051209	0.098022	0.120651	0.032878	0.062281	0.118587	0.068091	0.086119	0.090383	0.028859	0.013268	0.097573	0.120087	0.192380
2020-12-31 00:00:00	0.300830	0.073335	0.074374	0.172363	0.312278	0.101111	0.178685	0.211458	0.132216	0.121185	0.253698	0.092916	0.182130	0.138205	0.172875
2021-03-31 00:00:00	0.324479	0.031042	0.030385	0.105419	0.184526	0.025327	0.116450	0.084662	0.070761	0.063518	0.165207	0.087920	0.083288	0.015110	0.073815
2021-06-30 00:00:00	0.126094	-0.005272	0.029888	0.049264	0.043034	0.083442	0.040613	0.033635	0.080495	0.083593	0.074954	0.115985	0.108092	0.114030	0.064435
2021-09-30 00:00:00	-0.026222	0.002739	-0.018026	-0.041816	-0.030694	0.000121	-0.043573	-0.024123	0.000378	0.002523	0.024323	-0.000098	-0.021207	0.006319	-0.012866
2021-12-31 00:00:00	0.050203	0.124048	0.115277	0.136524	0.049293	0.077925	0.080207	0.077726	0.103038	0.106772	0.042310	0.139811	-0.037011	0.141743	0.099010
2022-03-31 00:00:00	0.379204	0.034591	-0.019862	-0.014374	-0.058344	-0.045192	-0.041831	-0.089783	-0.049102	-0.049099	-0.032929	-0.065856	-0.114414	-0.090992	-0.103975
2022-06-10 00:00:00	0.157138	-0.038317	-0.056250	-0.080392	-0.094221	-0.096116	-0.121767	-0.126263	-0.133501	-0.136923	-0.144127	-0.145335	-0.186172	-0.190021	-0.213144

	2017-03-31 00:00:00	2017-06-30 00:00:00	2017-09-30 00:00:00	2017-12-31 00:00:00	2018-03-31 00:00:00	2018-06-30 00:00:00	2018-09-30 00:00:00	2018-12-31 00:00:00	2019-03-31 00:00:00	2019-06-30 00:00:00	2019-09-30 00:00:00	2019-12-31 00:00:00	2020-03-31 00:00:00	2020-06-30 00:00:00	2020-09-30 00:00:00	2020-12-31 00:00:00	2021-03-31 00:00:00	2021-06-30 00:00:00	2021-09-30 00:00:00	2021-12-31 00:00:00	2022-03-31 00:00:00	2022-06-10 00:00:00	
0	Health Care ETF	Information Technology ETF	Consumer Discretionary ETF	Information Technology ETF	Energy ETF	Health Care ETF	Utilities ETF	Information Technology ETF	Financials ETF	Utilities ETF	Health Care ETF	Information Technology ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	SP600	Energy ETF	Energy ETF	Financials ETF	Information Technology ETF	Energy ETF	Energy ETF	Energy ETF	Energy ETF
	Industrials ETF	Energy ETF	Information Technology ETF	Consumer Discretionary ETF	SP600	Information Technology ETF	Consumer Staples ETF	Industrials ETF	Information Technology ETF	Real Estate ETF	Information Technology ETF	Health Care ETF	Energy ETF	Materials ETF	Energy ETF	SP600	Real Estate ETF	Information Technology ETF	Real Estate ETF	Utilities ETF	Utilities ETF	Utilities ETF	Utilities ETF
	Information Technology ETF	Materials ETF	SP400	SP400	Real Estate ETF	Industrials ETF	Real Estate ETF	Energy ETF	Materials ETF	Consumer Staples ETF	Financials ETF	Utilities ETF	Information Technology ETF	Information Technology ETF	Financials ETF	Financials ETF	Information Technology ETF	Utilities ETF	Materials ETF	Materials ETF	Consumer Staples ETF	Consumer Staples ETF	Consumer Staples ETF
	Financials ETF	SP600	Energy ETF	SP600	Consumer Discretionary ETF	SP500	Health Care ETF	Real Estate ETF	SP500	Information Technology ETF	SP1500	Consumer Staples ETF	Materials ETF	Industrials ETF	SP400	Industrials ETF	Communication Services ETF	SP500	Utilities ETF	Consumer Staples ETF	Materials ETF	SP500	Materials ETF
	SP400	Financials ETF	Financials ETF	Financials ETF	Information Technology ETF	SP1500	SP500	SP400	Consumer Discretionary ETF	Financials ETF	SP500	Communication Services ETF	SP400	Consumer Staples ETF	Communication Services ETF	Materials ETF	SP500	SP1500	Consumer Staples ETF	Financials ETF	SP600		
	SP500	Industrials ETF	Materials ETF	Health Care ETF	Health Care ETF	Consumer Discretionary ETF	Financials ETF	Consumer Discretionary ETF	SP1500	SP500	Communication Services ETF	SP500	Communication Services ETF	Communication Services ETF	Industrials ETF	Real Estate ETF	Health Care ETF	Health Care ETF	SP500	Industrials ETF	Health Care ETF		
	SP1500	SP500	SP500	SP1500	Utilities ETF	Consumer Staples ETF	SP1500	SP1500	Consumer Staples ETF	SP1500	SP600	SP1500	SP600	SP500	Consumer Discretionary ETF	SP400	SP1500	Real Estate ETF	SP1500	Health Care ETF	Industrials ETF	SP1500	Industrials ETF
	Consumer Discretionary ETF	SP1500	SP1500	SP1500	SP500	SP1500	SP400	Communication Services ETF	SP500	Communication Services ETF	Industrials ETF	Materials ETF	Consumer Discretionary ETF	SP1500	SP1500	Materials ETF	Communication Services ETF	Financials ETF	Consumer Discretionary ETF	SP500	SP400	SP500	SP400
	Materials ETF	Health Care ETF	Industrials ETF	Industrials ETF	SP500	SP600	Materials ETF	Communication Services ETF	Utilities ETF	Consumer Discretionary ETF	SP400	Real Estate ETF	SP500	SP400	Information Technology ETF	Consumer Discretionary ETF	Consumer Staples ETF	Industrials ETF	SP1500	SP1500	SP1500	SP1500	SP1500
	Utilities ETF	SP400	Consumer Staples ETF	Utilities ETF	SP400	Financials ETF	Consumer Discretionary ETF	Materials ETF	Industrials ETF	Communication Services ETF	Industrials ETF	SP400	Industrials ETF	Health Care ETF	SP1500	SP1500	Materials ETF	Communication Services ETF	Health Care ETF	SP600	SP600	SP500	SP500
	SP600	Utilities ETF	SP600	Materials ETF	Materials ETF	Communication Services ETF	SP400	SP600	SP400	SP600	Consumer Discretionary ETF	Materials ETF	Health Care ETF	Utilities ETF	SP500	SP500	SP600	SP400	SP400	SP400	Real Estate ETF	Financials ETF	
	Real Estate ETF	Communication Services ETF	Health Care ETF	Consumer Staples ETF	Communication Services ETF	Energy ETF	Information Technology ETF	Consumer Staples ETF	Health Care ETF	SP400	Energy ETF	Industrials ETF	Financials ETF	SP600	Health Care ETF	Utilities ETF	Industrials ETF	Energy ETF	SP400	Real Estate ETF	Real Estate ETF		
	Consumer Staples ETF	Consumer Discretionary ETF	Real Estate ETF	Energy ETF	Consumer Staples ETF	Utilities ETF	Industrials ETF	Financials ETF	Real Estate ETF	Materials ETF	Consumer Staples ETF	SP600	Real Estate ETF	Financials ETF	Real Estate ETF	Consumer Staples ETF	SP400	SP600	Information Technology ETF	Communication Services ETF			
	Communication Services ETF	Real Estate ETF	Communication Services ETF	Communication Services ETF	Industrials ETF	Materials ETF	SP600	Utilities ETF	SP600	Health Care ETF	Real Estate ETF	Financials ETF	Consumer Staples ETF	Real Estate ETF	Consumer Staples ETF	Health Care ETF	Consumer Staples ETF	Materials ETF	Financials ETF	Consumer Discretionary ETF	Information Technology ETF	Information Technology ETF	Information Technology ETF
	Energy ETF	Consumer Staples ETF	Utilities ETF	Real Estate ETF	Financials ETF	Real Estate ETF	Energy ETF	Health Care ETF	Energy ETF	Energy ETF	Utilities ETF	Energy ETF	Utilities ETF	Energy ETF	Utilities ETF	Information Technology ETF	Utilities ETF	Industrials ETF	Communication Services ETF	Communication Services ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	Consumer Discretionary ETF

Comparative to Seasonal Indexes, tells you who is over or underperforming.
 This is Seasonal Index - Extrapolated Current Quarter.

+: seasonal > current

-: current > seasonal

Note if the final data in the prices ends on a quarter, this will aggregate into the seasonal_index above and there will be no comparison

2022-06-10

Information Technology ETF	0.096313
Consumer Discretionary ETF	0.095053
Energy ETF	0.075929
Materials ETF	0.065233
SP1500	0.064383
SP500	0.063601
SP600	0.063392
SP400	0.063127
Health Care ETF	0.061962
Communication Services ETF	0.059812
Real Estate ETF	0.059622
Financials ETF	0.047976
Industrials ETF	0.045803
Consumer Staples ETF	0.027809
Utilities ETF	0.020457

	2017-03-31 00:00:00	2017-06-30 00:00:00	2017-09-30 00:00:00	2017-12-31 00:00:00	2018-03-31 00:00:00	2018-06-30 00:00:00	2018-09-30 00:00:00	2018-12-31 00:00:00	2019-03-31 00:00:00	2019-06-30 00:00:00	2019-09-30 00:00:00	2019-12-31 00:00:00	2020-03-31 00:00:00	2020-06-30 00:00:00	2020-09-30 00:00:00	2020-12-31 00:00:00	2021-03-31 00:00:00	2021-06-30 00:00:00	2021-09-30 00:00:00	2021-12-31 00:00:00	2022-03-31 00:00:00	2022-06-10 00:00:00
0	Utilities ETF	Energy ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	Energy ETF	Health Care ETF	Utilities ETF	Information Technology ETF	Utilities ETF	Real Estate ETF	Health Care ETF	Health Care ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	Energy ETF	Energy ETF	Real Estate ETF	Energy ETF	Real Estate ETF	Energy ETF	Energy ETF	Information Technology ETF
	Health Care ETF	SP600	Energy ETF	SP400	Utilities ETF	Energy ETF	Real Estate ETF	Real Estate ETF	Financials ETF	Utilities ETF	Information Technology ETF	Consumer Staples ETF	Energy ETF	Materials ETF	SP600	SP600	Communication Services ETF	Financials ETF	Utilities ETF	Utilities ETF	Utilities ETF	Consumer Discretionary ETF
	Industrials ETF	Materials ETF	Industrials ETF	Information Technology ETF	SP600	Industrials ETF	Consumer Staples ETF	Industrials ETF	Consumer Staples ETF	Consumer Staples ETF	Communication Services ETF	Information Technology ETF	Information Technology ETF	Communication Services ETF	Financials ETF	Financials ETF	Energy ETF	Real Estate ETF	Materials ETF	Materials ETF	Energy ETF	Energy ETF
	Financials ETF	Financials ETF	Information Technology ETF	SP600	Real Estate ETF	Information Technology ETF	Health Care ETF	Consumer Discretionary ETF	Industrials ETF	Financials ETF	SP1500	Utilities ETF	SP400	Industrials ETF	Communication Services ETF	Materials ETF	Financials ETF	Utilities ETF	Information Technology ETF	Consumer Staples ETF	Materials ETF	Materials ETF
	Consumer Staples ETF	Information Technology ETF	SP400	Financials ETF	Health Care ETF	SP500	Communication Services ETF	SP400	Communication Services ETF	SP600	SP500	Communication Services ETF	Materials ETF	Consumer Staples ETF	SP400	Industrials ETF	Health Care ETF	Health Care ETF	Consumer Staples ETF	Financials ETF	SP1500	
	SP400	SP400	SP500	Health Care ETF	Consumer Staples ETF	SP1500	SP500	Communication Services ETF	SP500	Communication Services ETF	SP500	Financials ETF	SP500	Communication Services ETF	Information Technology ETF	Industrials ETF	Communication Services ETF	SP500	SP1500	SP500	Health Care ETF	SP500
	SP500	Industrials ETF	SP1500	SP1500	SP1500	SP1500	Consumer Staples ETF	SP1500	SP1500	Materials ETF	SP400	SP600	SP1500	SP400	Consumer Discretionary ETF	Real Estate ETF	SP1500	SP500	SP1500	Industrials ETF	SP600	
	SP1500	SP1500	Consumer Staples ETF	SP500	Consumer Discretionary ETF	SP600	Financials ETF	SP500	SP1500	SP500	Industrials ETF	SP1500	SP500	SP500	Materials ETF	SP400	Consumer Staples ETF	Communication Services ETF	Consumer Discretionary ETF	SP500	SP400	
	Materials ETF	SP500	Materials ETF	Industrials ETF	SP500	Consumer Discretionary ETF	Materials ETF	Materials ETF	SP400	SP1500	SP400	SP400	Real Estate ETF	Industrials ETF	SP1500	SP1500	Consumer Discretionary ETF	Information Technology ETF	SP400	Industrials ETF	SP1500	Health Care ETF
	Real Estate ETF	Health Care ETF	Financials ETF	Utilities ETF	SP400	SP400	Consumer Discretionary ETF	SP600	Real Estate ETF	Energy ETF	Energy ETF	SP400	SP500	Health Care ETF	SP500	SP500	SP1500	Industrials ETF	SP600	Health Care ETF	Real Estate ETF	Communication Services ETF
	SP600	Communication Services ETF	Communication Services ETF	Materials ETF	Communication Services ETF	Financials ETF	Industrials ETF	Financials ETF	Health Care ETF	Industrials ETF	Materials ETF	Materials ETF	Health Care ETF	SP600	Information Technology ETF	SP500	Utilities ETF	Consumer Staples ETF	SP400	SP600	Real Estate ETF	
	Information Technology ETF	Utilities ETF	SP600	Communication Services ETF	Information Technology ETF	Communication Services ETF	SP400	Consumer Staples ETF	Information Technology ETF	Materials ETF	Consumer Discretionary ETF	Industrials ETF	Financials ETF	Utilities ETF	Real Estate ETF	Consumer Staples ETF	Materials ETF	Information Technology ETF	Energy ETF	SP400	Financials ETF	
	Consumer Discretionary ETF	Real Estate ETF	Real Estate ETF	Consumer Staples ETF	Materials ETF	Real Estate ETF	Information Technology ETF	Energy ETF	SP600	Consumer Discretionary ETF	Consumer Staples ETF	Financials ETF	Real Estate ETF	Financials ETF	Health Care ETF	Health Care ETF	SP600	Consumer Discretionary ETF	SP600	Communication Services ETF	Industrials ETF	
	Communication Services ETF	Consumer Discretionary ETF	Health Care ETF	Real Estate ETF	Industrials ETF	Utilities ETF	SP600	Utilities ETF	Consumer Discretionary ETF	Information Technology ETF	Real Estate ETF	SP600	Consumer Staples ETF	Real Estate ETF	Utilities ETF	Utilities ETF	SP400	Materials ETF	Financials ETF	Consumer Discretionary ETF	Consumer Staples ETF	
	Energy ETF	Consumer Staples ETF	Utilities ETF	Energy ETF	Financials ETF	Materials ETF	Energy ETF	Health Care ETF	Utilities ETF	Energy ETF	Utilities ETF	Energy ETF	Energy ETF	Consumer Staples ETF	Information Technology ETF	Industrial ETF	Communication Services ETF	Information Technology ETF	Utilities ETF			

Symbol

SP1500 SPTM

SP500 SPY

SP600 SLY

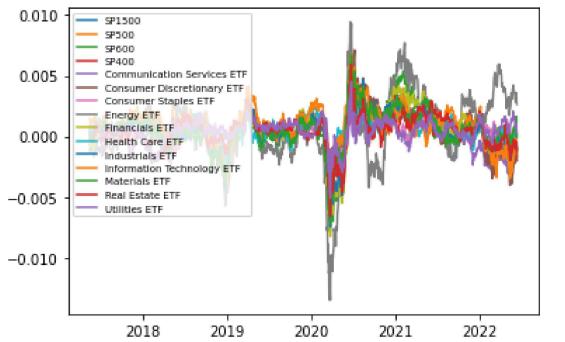
SP400 MDYG

Index Symbol risk_trend_factor

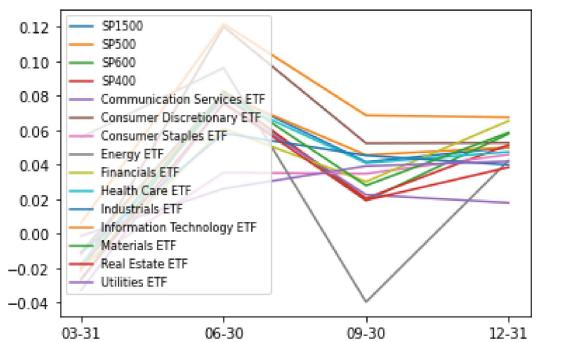
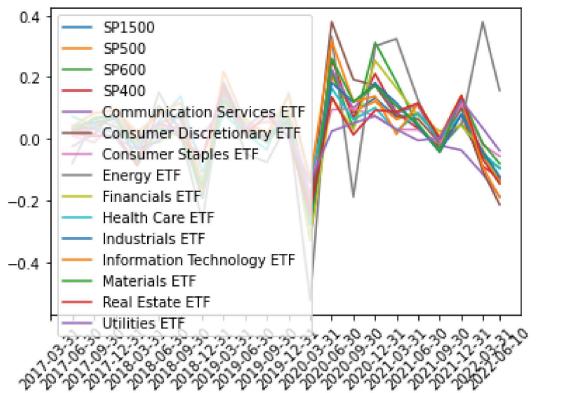
0	SP500	SPY	-4.314957
1	SP1500	SPTM	-4.323114
2	SP600	SLY	-5.831833
3	SP400	MDYG	-5.932476

Symbol	risk_trend_factor	Sector
3	VDE	3.378308 Energy ETF
10	VPU	-0.903846 Utilities ETF
2	VDC	-1.815370 Consumer Staples ETF
8	VAW	-2.983225 Materials ETF
9	VNQ	-3.885849 Real Estate ETF
5	VHT	-3.947143 Health Care ETF
6	VIS	-5.096830 Industrials ETF
1	VCR	-5.274843 Consumer Discretionary ETF
4	VFH	-5.669687 Financials ETF
7	VGT	-6.117689 Information Technology ETF
0	VOX	-9.183162 Communication Services ETF

Rolling Quarterly Mean Return

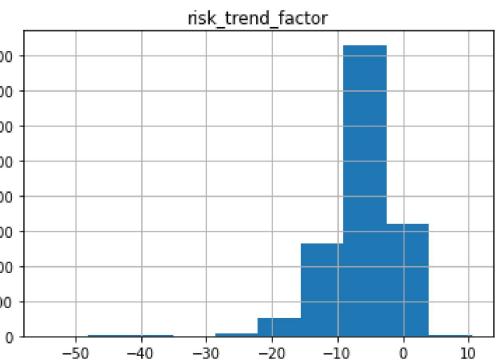


Quarterly Returns



2.2634783422537827

```
array([[<AxesSubplot:title={'center':'risk_trend_factor'}>]]], dtype=object)
```



```
Index(['Symbol', 'max_2y', 'min_2y', 'std_2y', 'mean_2y', 'max_1y', 'min_1y',
       'std_1y', 'mean_1y', 'latest_p', '2yr_close_0pct', '2yr_close_2pct',
       '2yr_close_9pct', '2yr_close_25pct', '2yr_close_50pct',
       '2yr_close_75pct', '2yr_close_91pct', '2yr_close_98pct',
       '2yr_close_100pct', '1yr_close_0pct', '1yr_close_2pct',
       '1yr_close_9pct', '1yr_close_25pct', '1yr_close_50pct',
       '2yr_close_75pct', '1yr_close_91pct', '1yr_close_98pct',
       '1yr_close_100pct', 'risk_trend_factor', 'supply_trend_1yr',
       'supply_trend_180d', 'supply_trend_90d', 'supply_trend_60d',
       'supply_trend_30d', 'vol_30d_2yr', 'pct_1yr', 'pct_2yr',
       'MIN_Lookback_One_Year', 'MIN_Lookback_6_Months',
       'MIN_Lookback_2_Months', 'MIN_Lookback_1_Months', 'volume_factor',
       'adf', 'hurst', 'Sector'],
      dtype='object')
```

Symbol	latest_p	risk_trend_factor	adf	hurst	Sector	vol_30d_2yr
0	MTOR	36.119999	10.517268	0.308552	0.433895	error
1	Y	834.109985	7.384772	0.389055	0.457411	Financial Services
2	TVTY	32.279999	5.39315	0.524133	0.449983	error
3	MCK	313.339996	4.004949	0.998714	0.463166	Healthcare
4	ACC	64.769997	3.917188	0.981927	0.416828	error
5	CVX	175.399994	3.856637	0.97985	0.498334	Energy
6	EQT	47.959999	3.747308	0.932879	0.501911	Energy
7	LNTH	63.849998	3.540933	0.990883	0.532857	Healthcare
8	SWX	91.889999	3.530074	0.284442	0.398907	Utilities
9	MPC	108.339996	3.513423	0.991702	0.523957	Energy
10	MUSA	237.960007	3.50354	0.99617	0.410367	Consumer Cyclical
11	SJI	34.060001	3.390476	0.165217	0.413386	Utilities
12	VDE	123.860001	3.378308	0.947803	0.52196	error
13	XOM	100.459999	3.314307	0.977852	0.536671	Energy
14	DVN	74.059998	3.254185	0.994381	0.555599	Energy
15	MRO	30.290001	3.229066	0.972772	0.54597	Energy
16	PBF	40.330002	3.225693	0.730477	0.555776	Energy
17	APA	48.810001	3.199621	0.443494	0.44772	Energy
18	CTRA	34.310001	3.192947	0.507048	0.467954	Energy
19	COP	116.830002	3.181252	0.992942	0.491541	Energy
20	VLO	140.509995	3.155888	0.970961	0.536721	Energy
21	EOG	144.0	3.013262	0.922673	0.487021	Energy
22	WRB	68.260002	2.908126	0.965152	0.455795	Financial Services
23	HES	127.720001	2.88093	0.97499	0.449233	Energy
24	CEIX	52.91	2.853516	0.933936	0.522101	Energy
25	FANG	155.490005	2.734463	0.837164	0.472651	Energy
26	CIVI	80.660004	2.668131	0.020246	0.49614	Energy
27	NFG	72.650002	2.655036	0.982328	0.468009	Energy
28	PDCE	84.129997	2.633596	0.76826	0.495944	Energy
29	OXY	63.869999	2.620612	0.777852	0.546207	Energy
30	PXD	270.869995	2.603258	0.935146	0.498349	Energy
31	CNX	23.24	2.576298	0.784231	0.406859	Energy
32	MTDR	65.230003	2.551954	0.987482	0.46805	Energy
33	DINO	56.369999	2.525424	0.412505	0.562704	Energy
34	HRB	35.450001	2.371017	0.838883	0.43511	Consumer Cyclical
35	MUR	44.150002	2.319887	0.869435	0.455651	Energy
36	SM	50.560001	2.268271	0.976245	0.479096	Energy
37	RRC	34.439999	2.265651	0.784588	0.495379	Energy

```
"\nabove_1yearSDev = screener_good[screener_good['latest_p']]>screener['mean_1y']+screener_good['std_1y']]['Symbol'].values\nabove_2yearSDev = screener_good[screener_good['latest_p']]>screener['mean_2y']+screener_good['std_2y']]['Symbol'].values\nabove_yearSDev = np.intersect1d(above_1yearSDev,above_2yearSDev)\n"
```

```
"\nabove_2year_t = screener[screener['pct_2yr']>threshold]['Symbol'].values\nabove_1year_t = screener[screener['pct_1yr']>threshold]['Symbol'].values\nabove_years_t = np.intersect1d(above_2year_t,above_1year_t)\n"
```

adf < .05 or .01, mean reverting

Hurst

> .5 - The time series is mean reverting.

= .5 - The time series is a Geometric Brownian Motion.

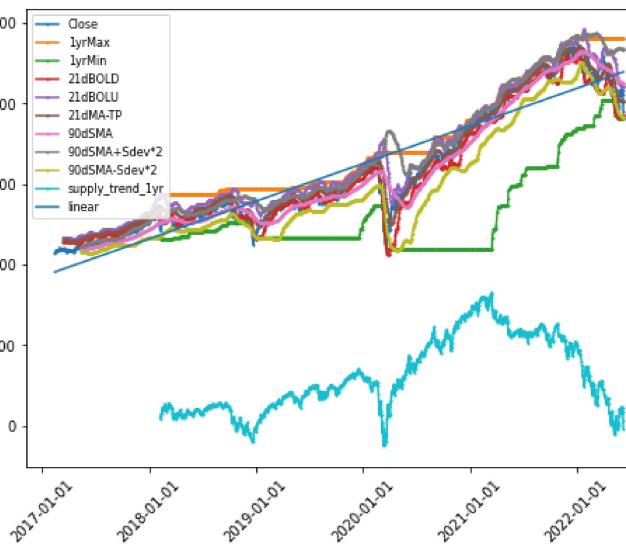
< .5 - The time series is trending.

SPY

Index: SP500

supply trend: 1781380150.6807866

risk trend factor: -4.314957039491863



totalAssets trailingPE
SPY 3.781762e+11 4.292843

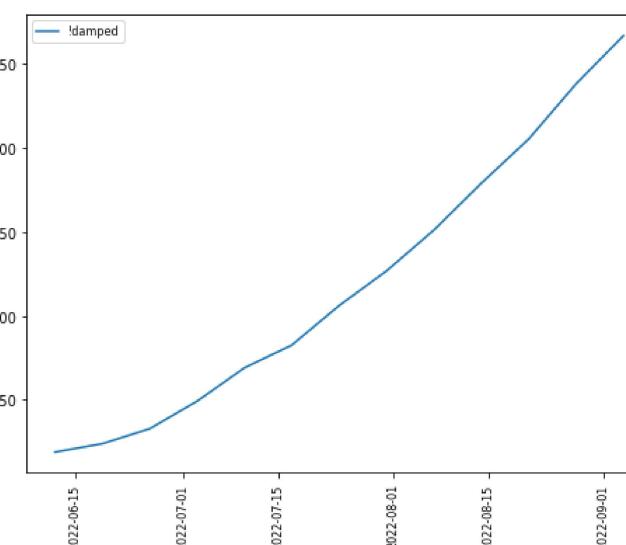
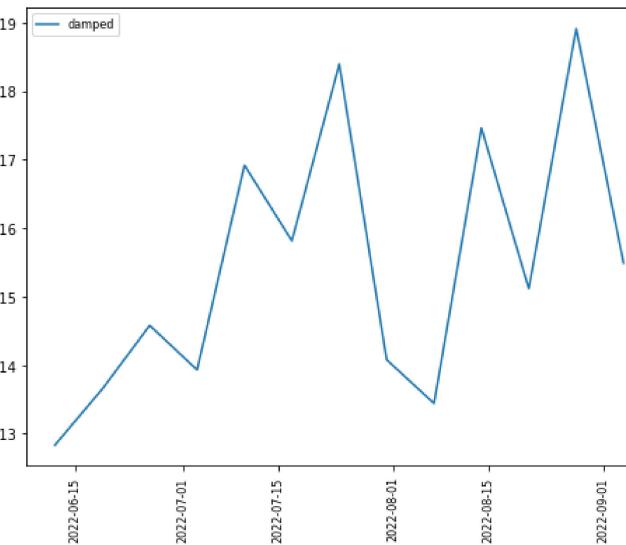
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

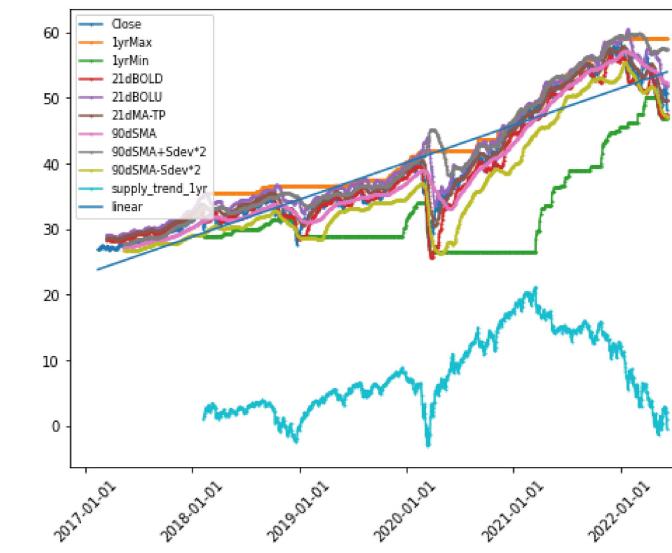
2022-06-10 384.809441 402.729524 420.649606

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SPY	1.065993	389.799988	1781380150.680787	0.501905	0.730083	0.423507

ets next 13 weeks



11
['options', ('2022-06-17', '2022-06-30', '2022-09-16', '2022-09-30', '2022-12-16', '2023-01-20', '2023-03-17', '2023-06-16', '2023-12-15', '2024-01-19', '2024-12-20')]
SPTM
Index: SP1500
supply trend: 10701430.030257186
risk trend factor: -4.323113872768143



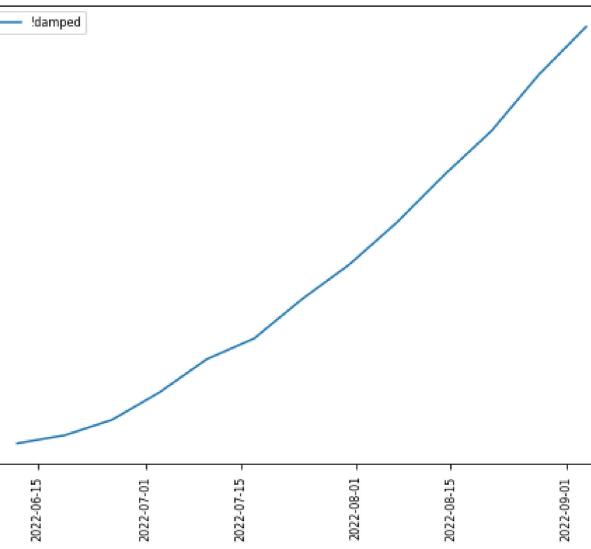
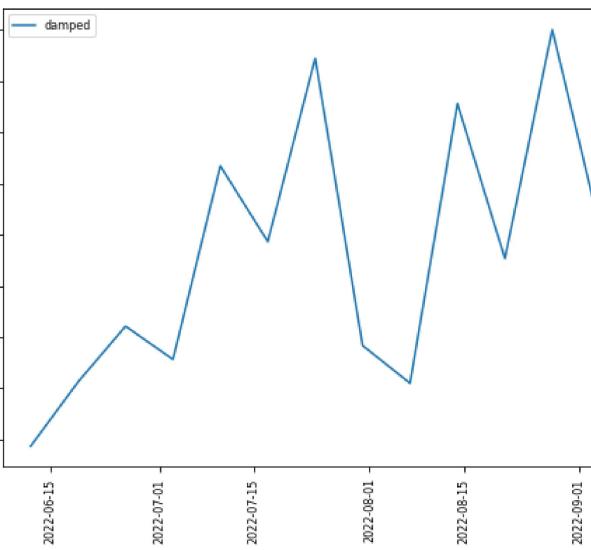
Empty DataFrame
Columns: []
Index: [SPTM]
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

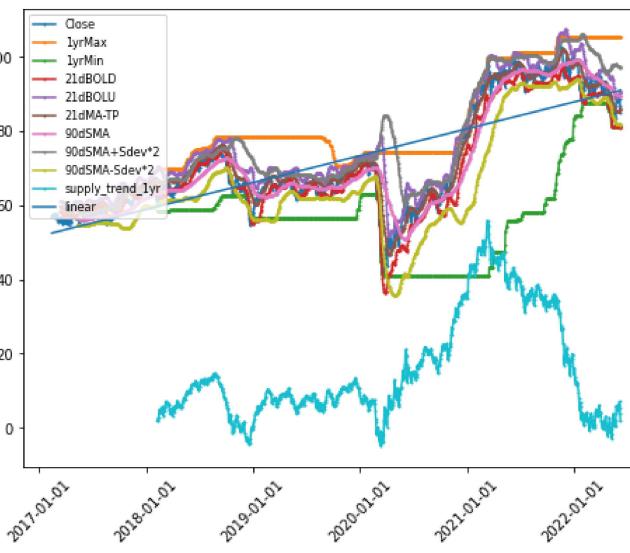
2022-06-10 47.422277 49.676984 51.931691

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SPTM	1.445517	48.16	10701430.030257	0.514882	0.731043	0.430862

lets next 13 weeks



```
1
['options', ('2022-06-17',)]
SLY
Index: SP600
supply trend: 1733621.860816944
risk trend factor: -5.831832561133962
```



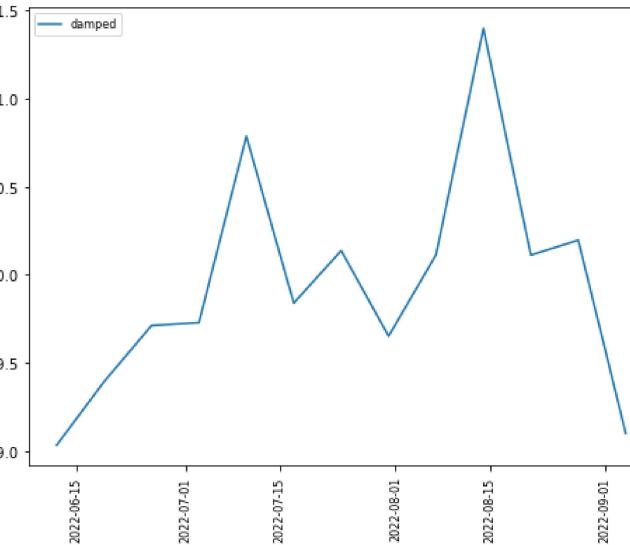
```
Empty DataFrame
Columns: []
Index: [SLY]
2022-06-10
```

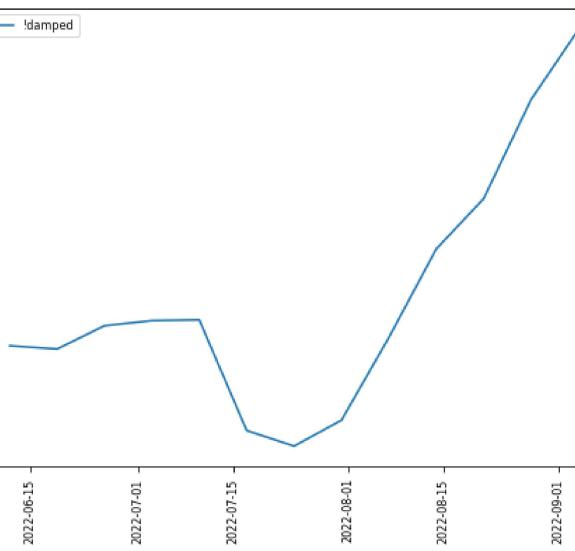
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 81.56592 86.101746 90.637572

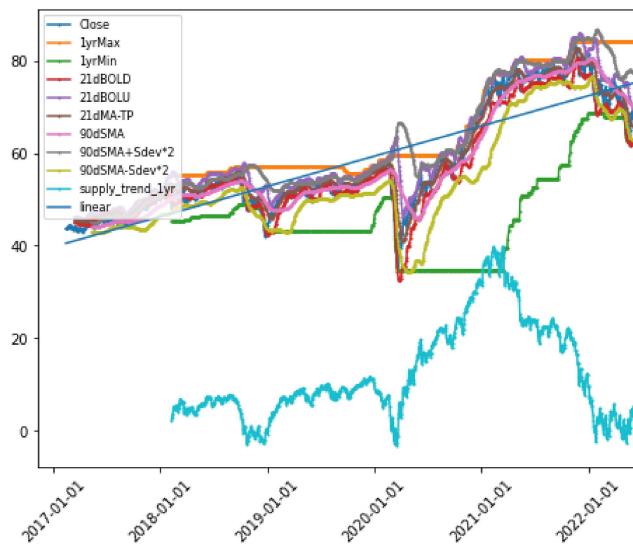
	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SLY	1.265097	84.790001	1733621.860817	0.58507	0.631357	0.516612

ets next 13 weeks





MDYG
Index: SP400
supply trend: 3870598.865355522
risk trend factor: -5.932475578582748



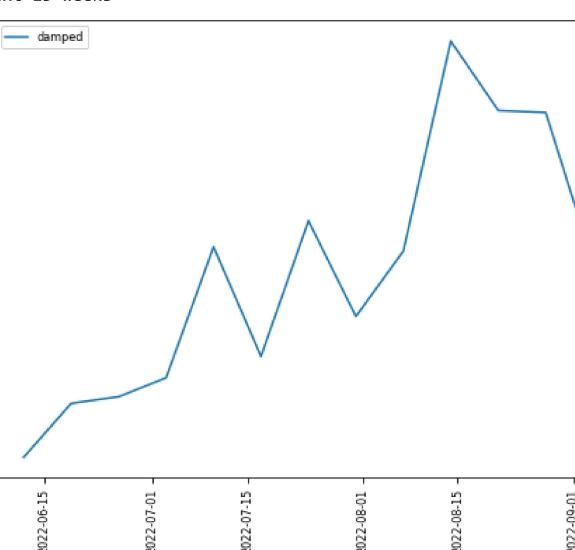
Empty DataFrame
Columns: []
Index: [MDYG]
2022-06-10

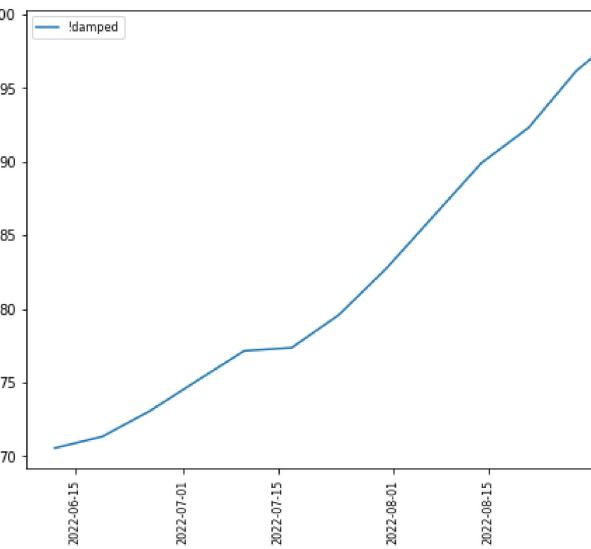
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 62.654627 66.371428 70.088229

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MDYG	0.727588	64.839996	3870598.865356	0.405859	0.564973	0.453632

ets next 13 weeks

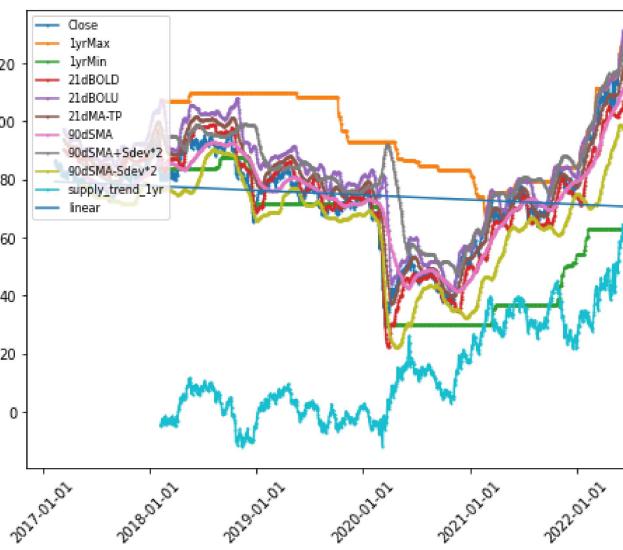




```

1
['options', ('2022-06-17',)]
VDE
Sector: Energy ETF
supply trend: 15894021.482602118
risk trend factor: 3.3783083383264243

```



```

totalAssets      trailingPE
VDE   1.106882e+10    10.692059
2022-06-10

```

21dBOLD 21dMA-TP 21dBOLU

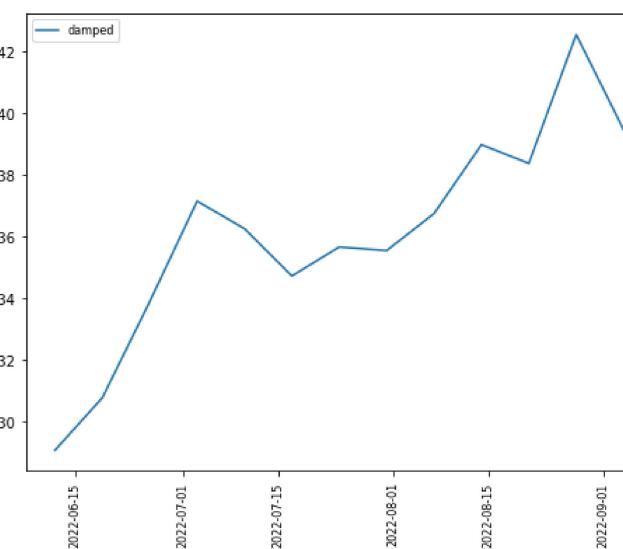
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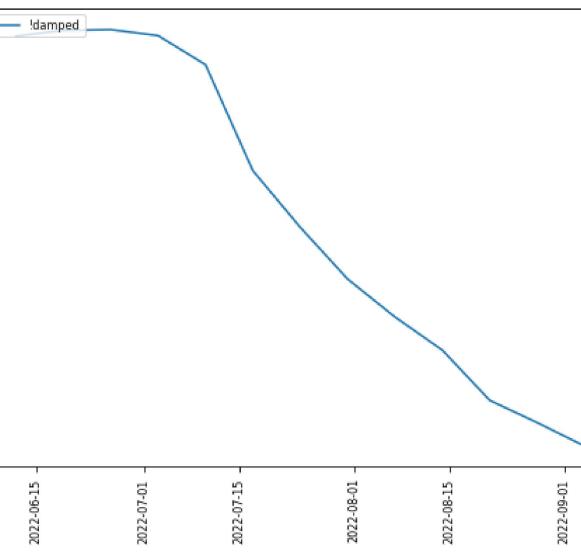
2022-06-10 107.166137 119.294921 131.423705

```

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VDE	1.169962	123.860001	15894021.482602	0.930759	0.947803	0.52196

ets next 13 weeks

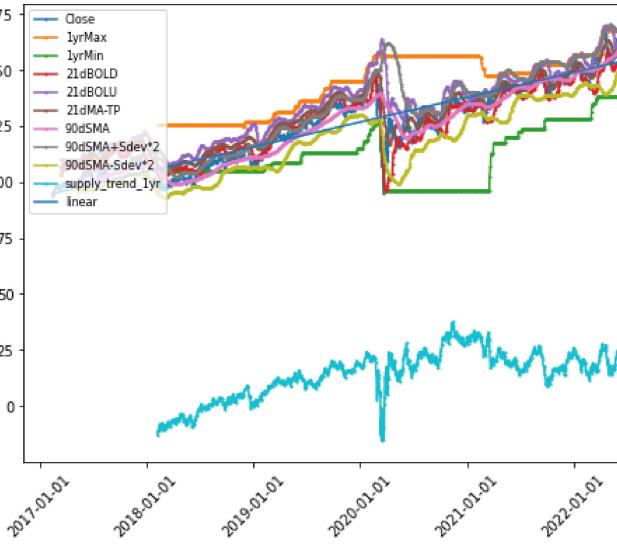




```

1
['options', ('2022-06-17',)]
VPU
Sector: Utilities ETF
supply trend: 4401008.169440242
risk trend factor: -0.0038459354057021

```



```

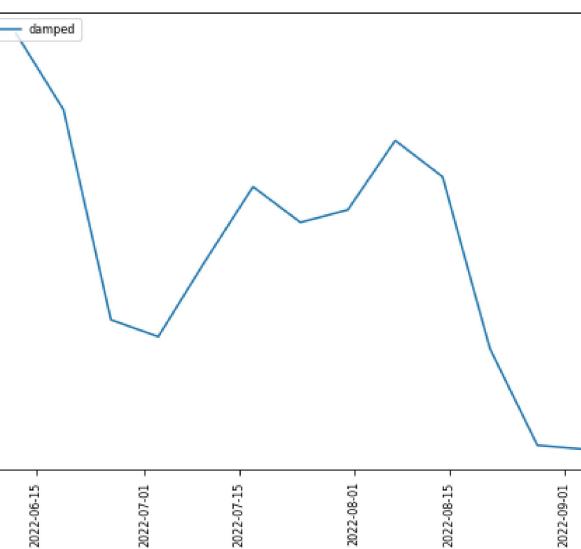
totalAssets
VPU 7.799146e+09
2022-06-10
21dBOLD 21dMA-TP 21dBOLU

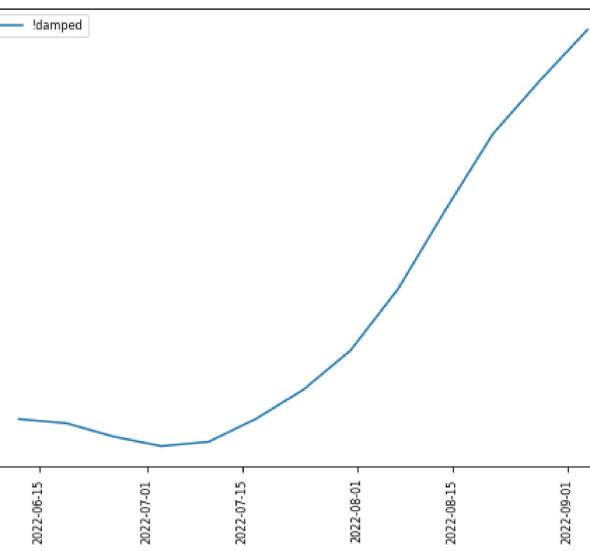
```

	21dBOLD	21dMA-TP	21dBOLU
2022-06-10	152.644005	158.881905	165.119806

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VPU	1.073413	155.610001	4401008.16944	0.750053	0.731044	0.299247

ets next 13 weeks

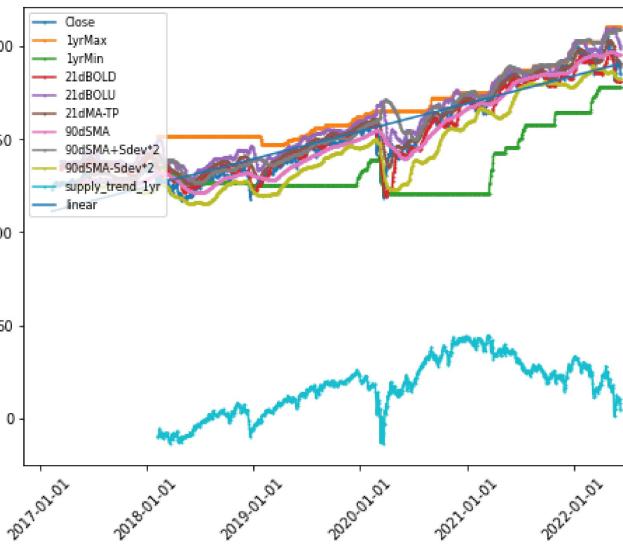




```

1
['options', ('2022-06-17',)]
VDC
Sector: Consumer Staples ETF
supply trend: 3239531.5431164904
risk trend factor: -1.81537011564274

```



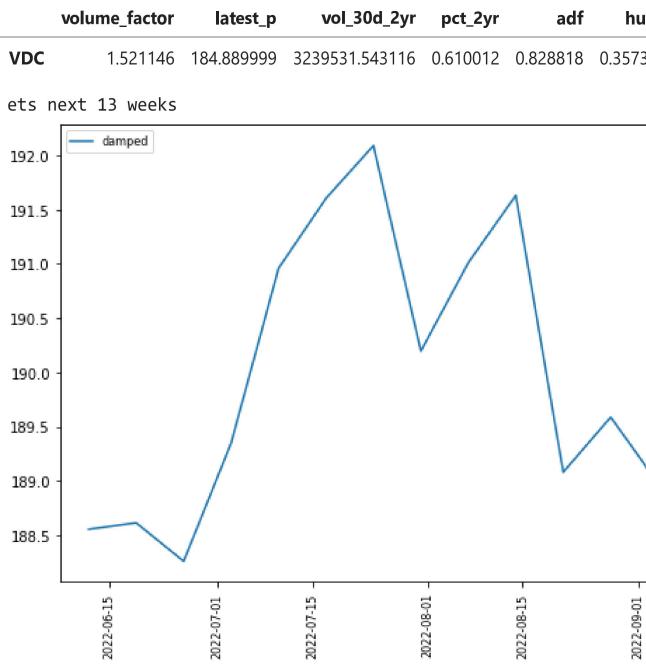
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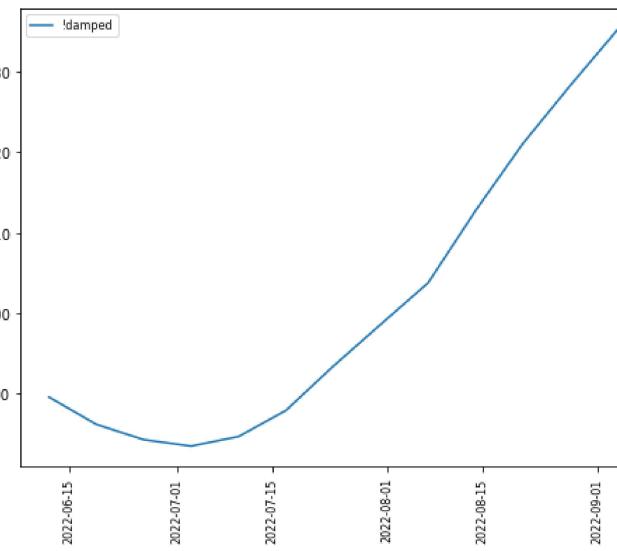
totalAssets
VDC 8.239956e+09
2022-06-10

```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 180.713861 189.626984 198.540108

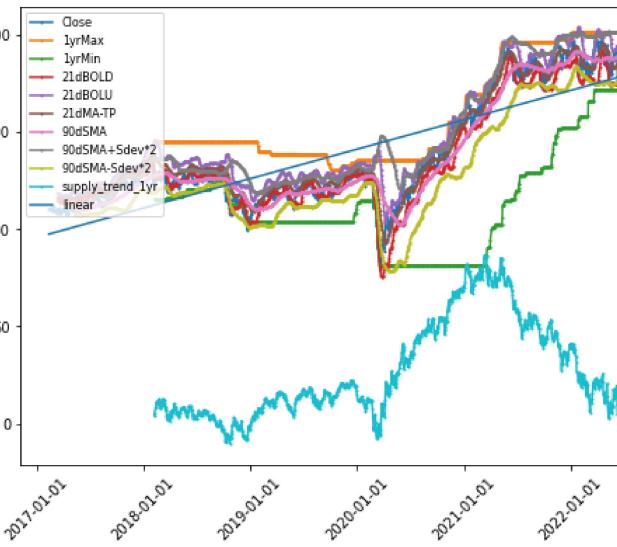




```

1
['options', ('2022-07-15',)]
VAW
Sector: Materials ETF
supply trend: 2531724.1301059
risk trend factor: -2.9832247911376593

```



```

totalAssets
VAW 5.085875e+09
2022-06-10

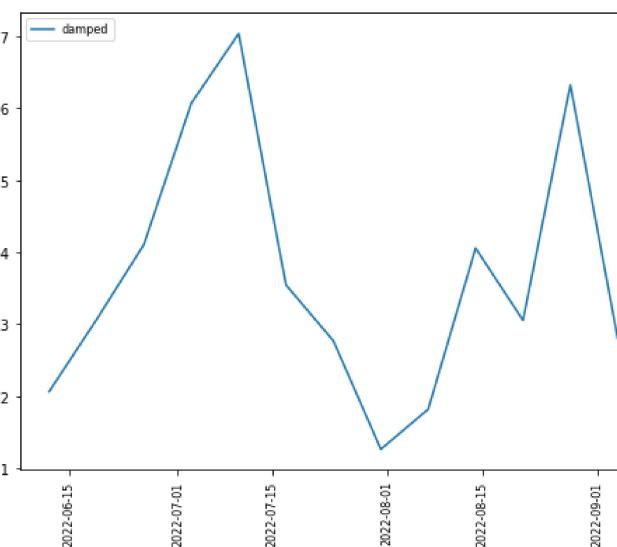
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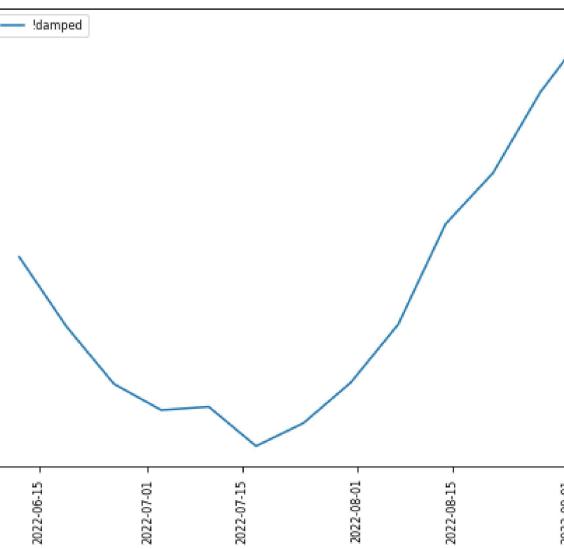
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 175.041332 184.631904 194.222476

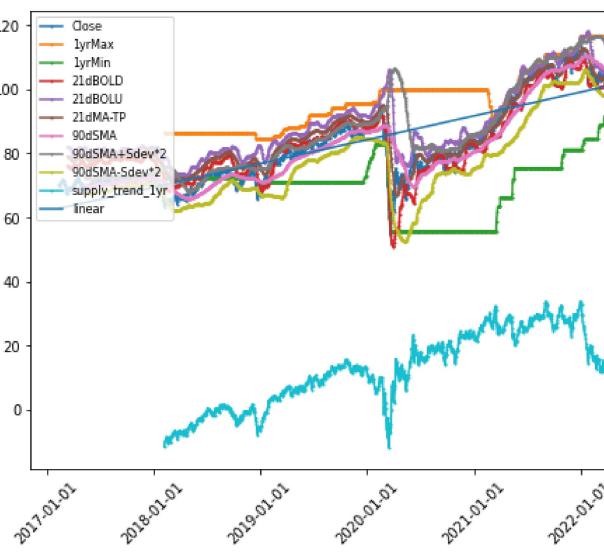
	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VAW	1.136419	178.449997	2531724.130106	0.735836	0.8001	0.433204

ets next 13 weeks



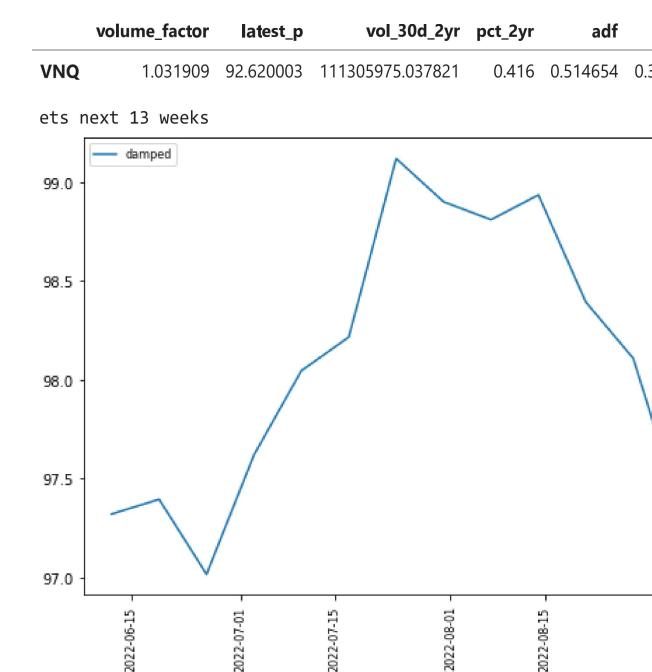


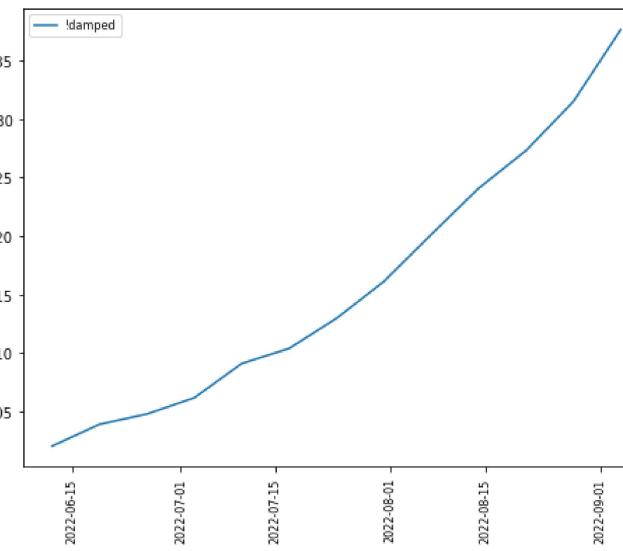
```
1
['options', ('2022-08-19',)]
VNQ
Sector: Real Estate ETF
supply trend: 111305975.03782149
risk trend factor: -3.885849288582038
```



```
totalAssets
VNQ 7.839537e+10
2022-06-10
```

	21dBOLD	21dMA-TP	21dBOLU
2022-06-10	93.076579	96.729683	100.382786





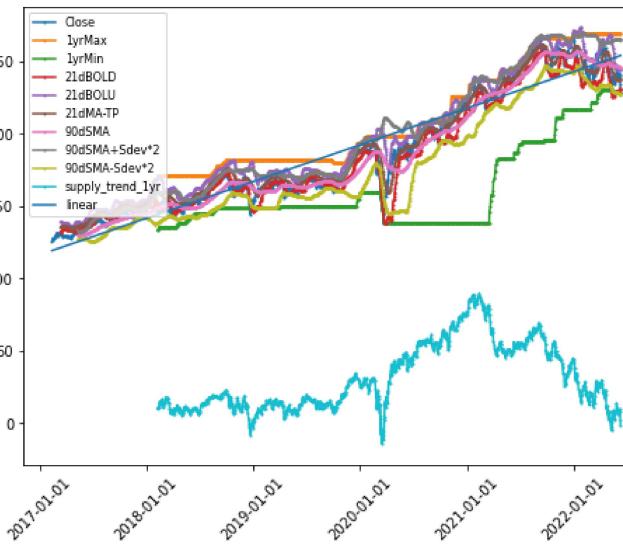
3
['options', ('2022-06-17', '2023-01-20', '2024-01-19')]

VHT

Sector: Health Care ETF

supply trend: 5096065.052950076

risk trend factor: -3.9471429756913072



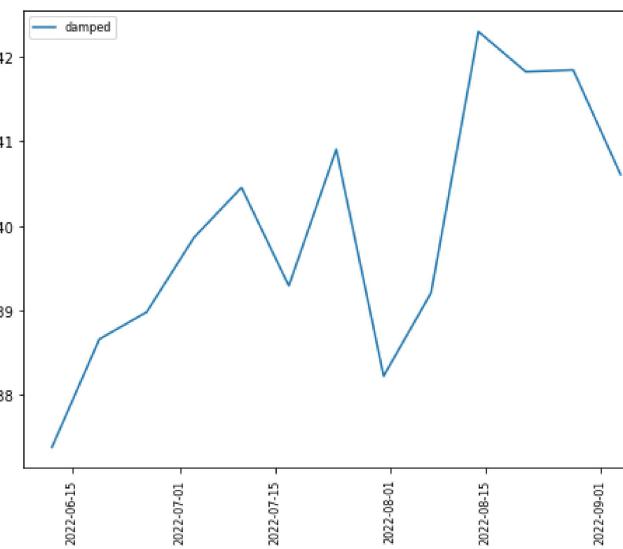
totalAssets trailingPE
VHT 1.944618e+10 5.167231
2022-06-10

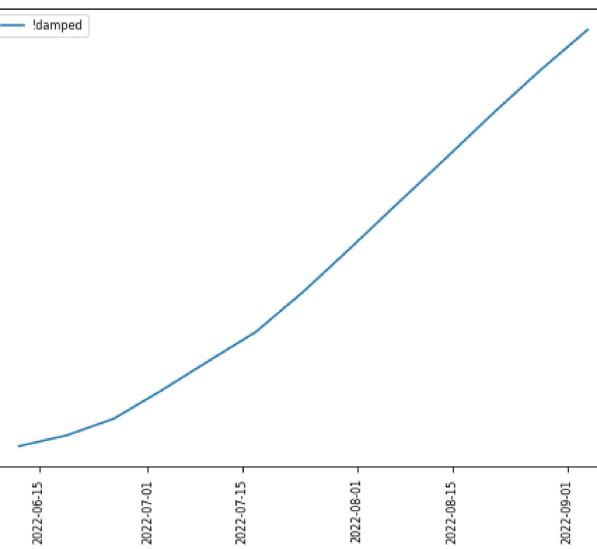
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 231.084711 237.690476 244.296241

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VHT	0.947476	229.929993	5096065.05295	0.525621	0.693779	0.333477

ets next 13 weeks

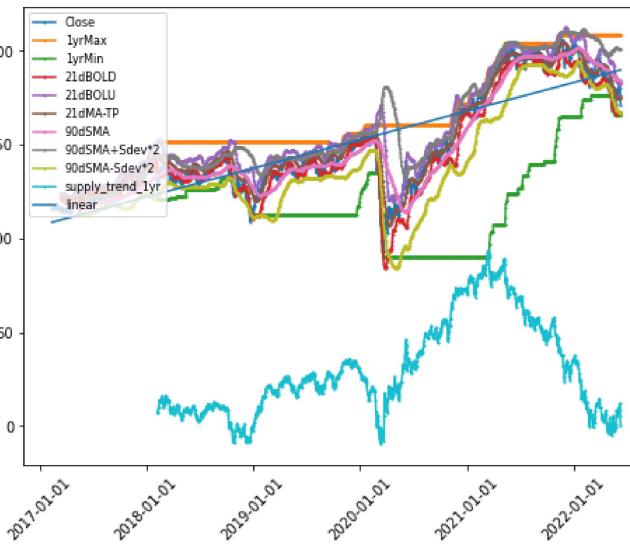




```

1
['options', ('2022-06-17',)]
VIS
Sector: Industrials ETF
supply trend: 3021835.7791225417
risk trend factor: -5.096829776050351

```



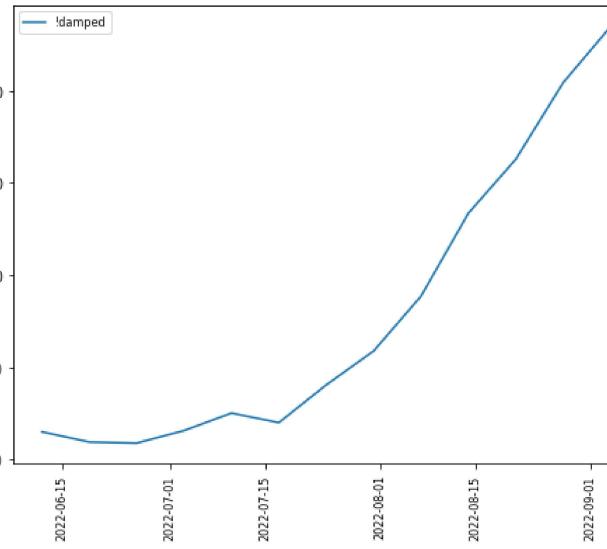
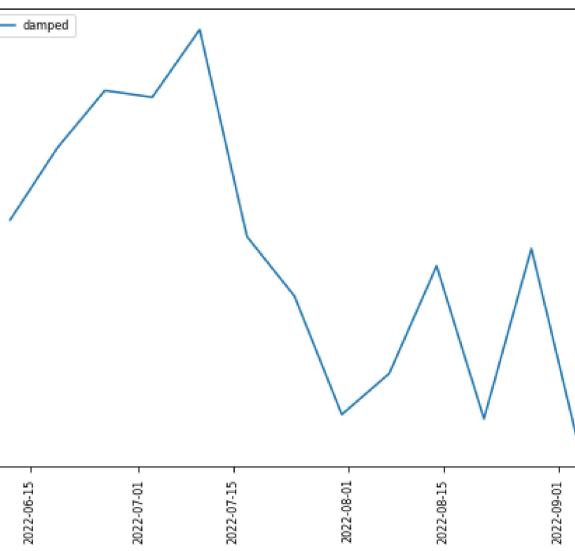
```

Empty DataFrame
Columns: []
Index: [VIS]
2022-06-10
21dBOLD 21dMA-TP 21dBOLU
2022-06-10 166.918433 175.029841 183.141249

```

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VIS	0.897137	170.789993	3021835.779123	0.55486	0.557365	0.472662

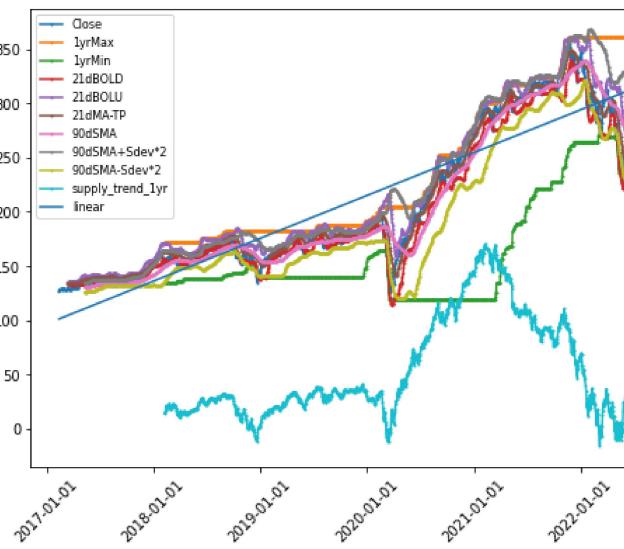
ets next 13 weeks



```

1
['options', ('2022-08-19',)]
VCR
Sector: Consumer Discretionary ETF
supply trend: 2149496.8229954615
risk trend factor: -5.274842912889847

```



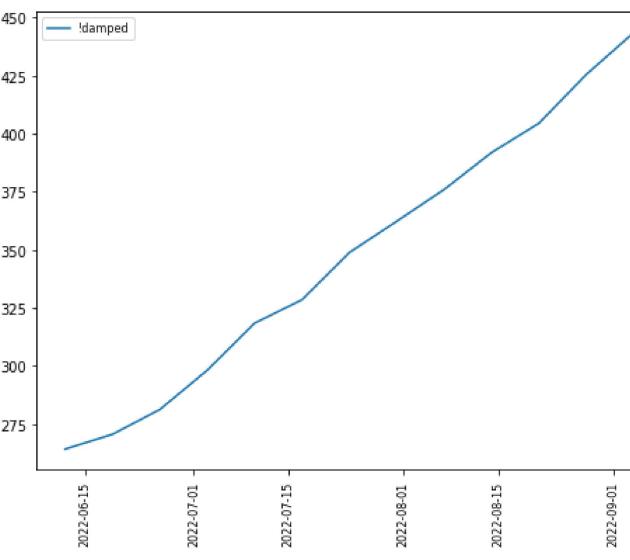
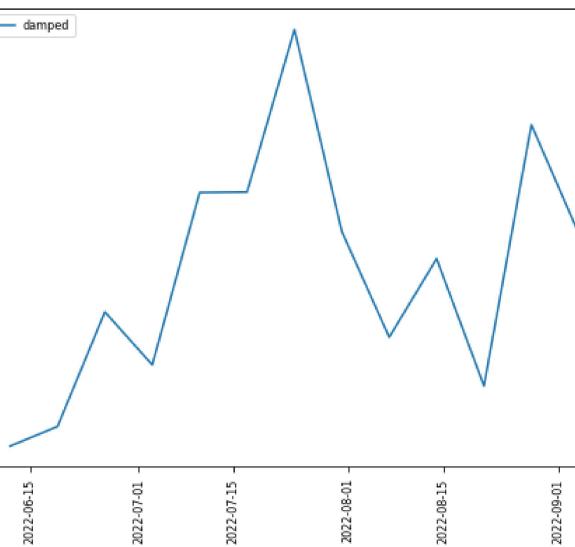
```

totalAssets
VCR 6.015592e+09
2022-06-10
21dBOLD 21dMA-TP 21dBOLU
2022-06-10 228.960223 247.434761 265.9093

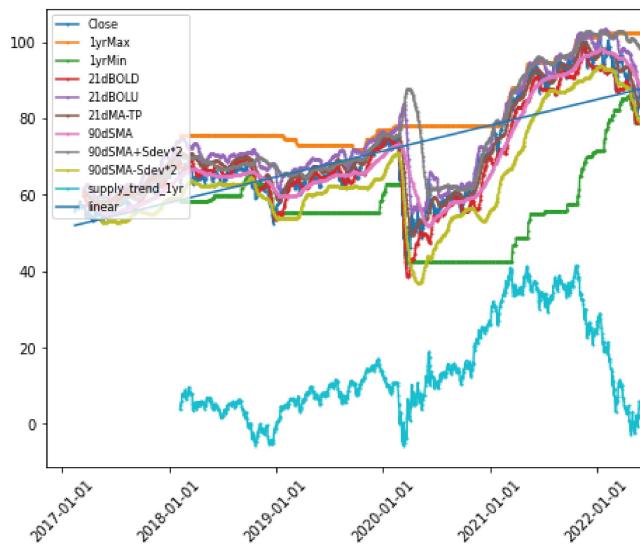
```

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VCR	1.24671	240.179993	2149496.822995	0.290163	0.672666	0.471633

ets next 13 weeks



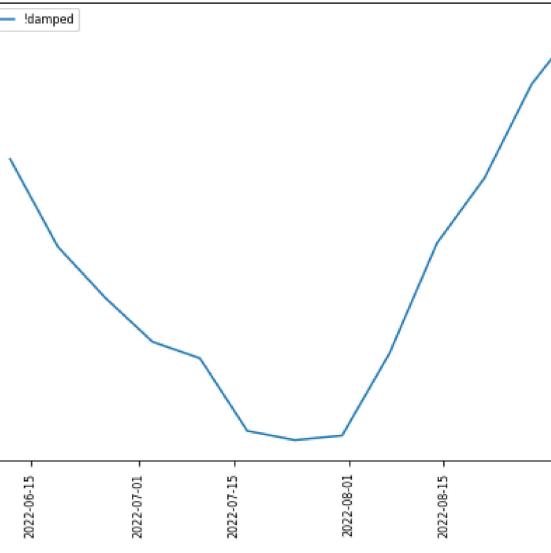
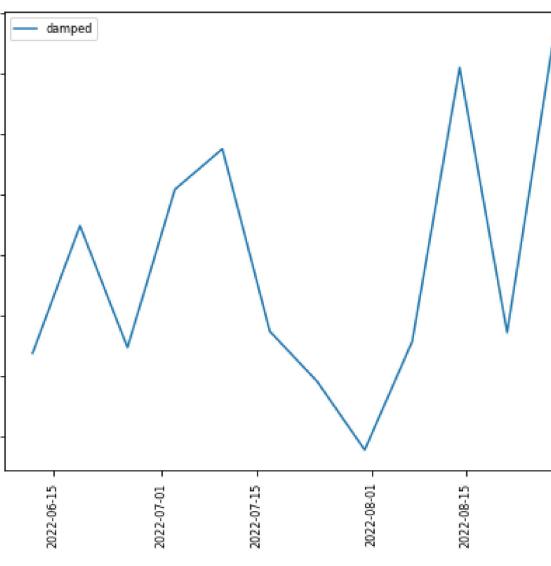
```
1
['options', ('2022-06-17',)]
VFH
Sector: Financials ETF
supply trend: 15854911.649016641
risk trend factor: -5.669686524892829
```



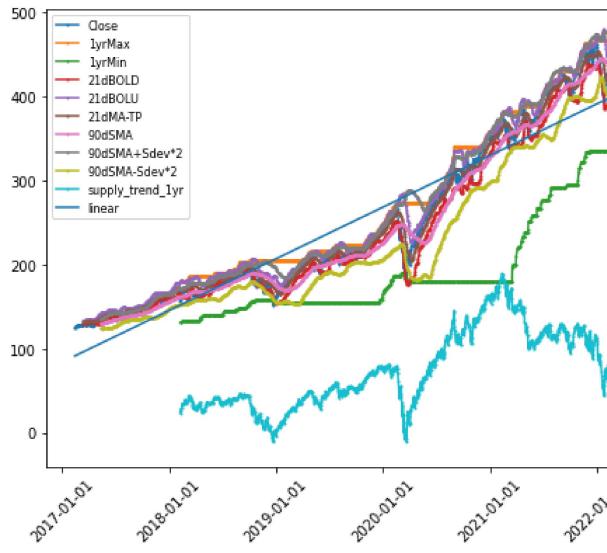
```
totalAssets
VFH 1.055284e+10
2022-06-10
21dBOLD 21dMA-TP 21dBOLU
2022-06-10 79.139405 83.671588 88.203771
```

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VFH	1.068786	79.93	15854911.649017	0.524221	0.532803	0.492594

ets next 13 weeks



```
1
['options', ('2022-08-19',)]
VGT
Sector: Information Technology ETF
supply trend: 13900429.727685325
risk trend factor: -6.117689136620628
```



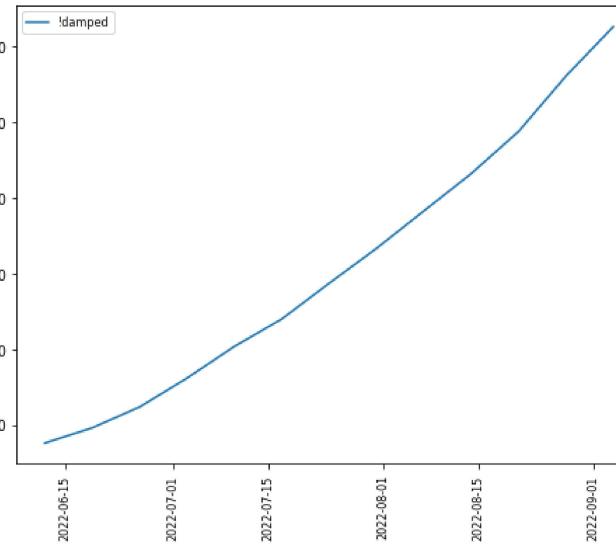
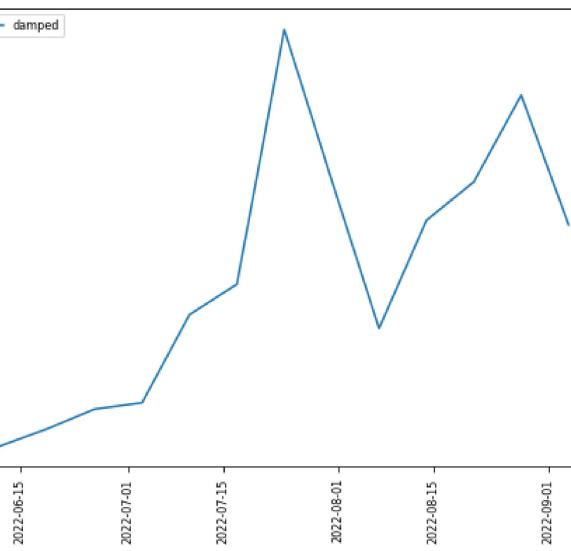
```
totalAssets
VGT 5.044675e+10
2022-06-10
```

21dBOLD 21dMA-TP 21dBOLU

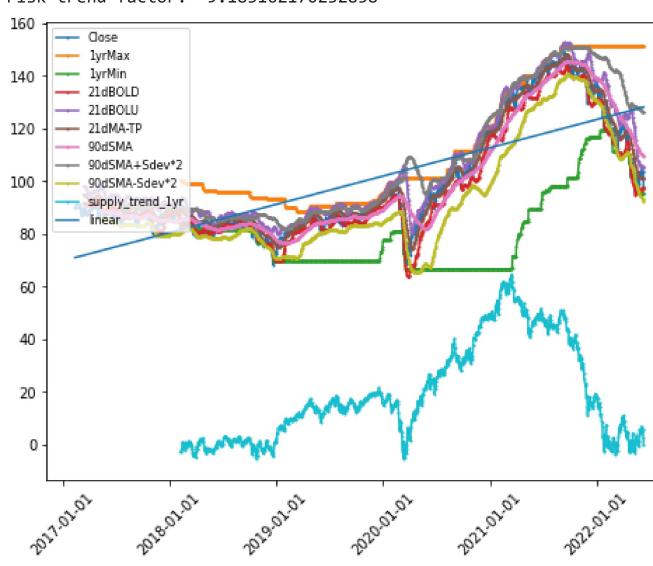
2022-06-10 330.411387 350.71381 371.016232

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VGT	1.13554	337.339996	13900429.727685	0.3501	0.739205	0.427823

ets next 13 weeks



```
2
['options', ('2022-06-17', '2022-08-19')]
VOX
Sector: Communication Services ETF
supply trend: 4281925.491679274
risk trend factor: -9.183162170232858
```

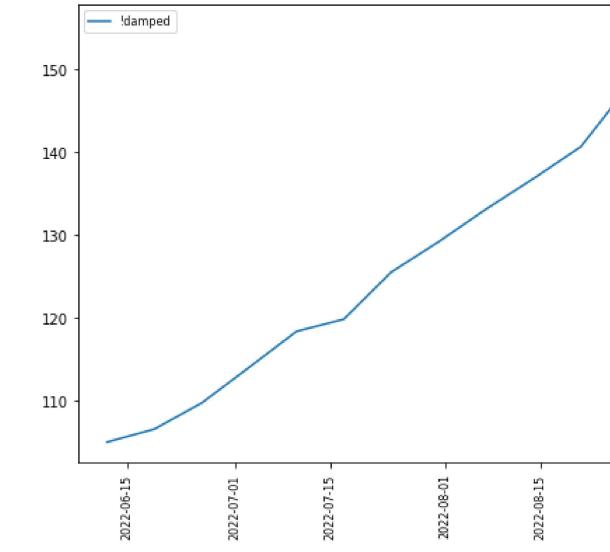
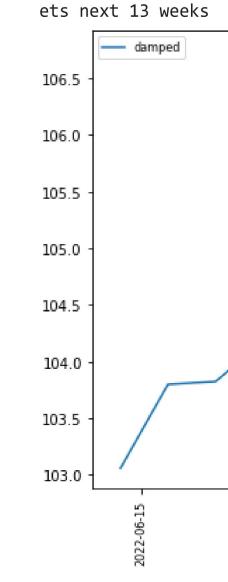


```
Empty DataFrame
Columns: []
Index: [VOX]
2022-06-10
```

	21dBOLD	21dMA-TP	21dBOLU
--	---------	----------	---------

2022-06-10	97.197858	101.223333	105.248808
------------	-----------	------------	------------

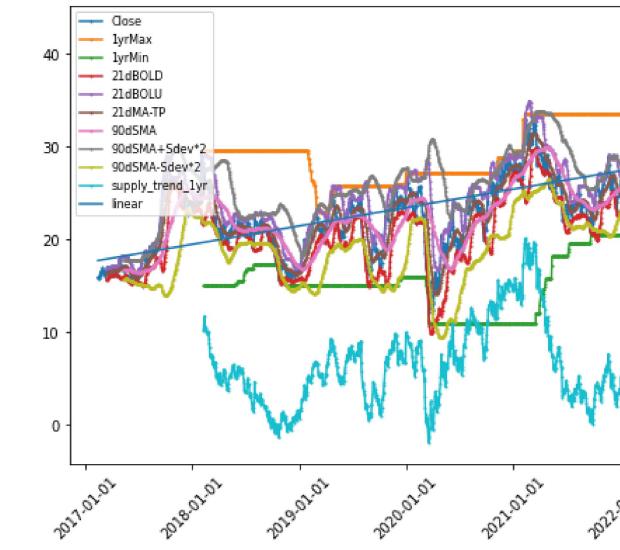
	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VOX	1.950828	97.699997	4281925.491679	0.137637	0.718884	0.512033



```

1
['options', ('2022-07-15',)]
MTOR
Index: SP600
Sector: error
supply trend: 20301256.12708018
risk trend factor: 10.517268141249515

```



```

Empty DataFrame
Columns: []
Index: [MTOR]
2022-06-10

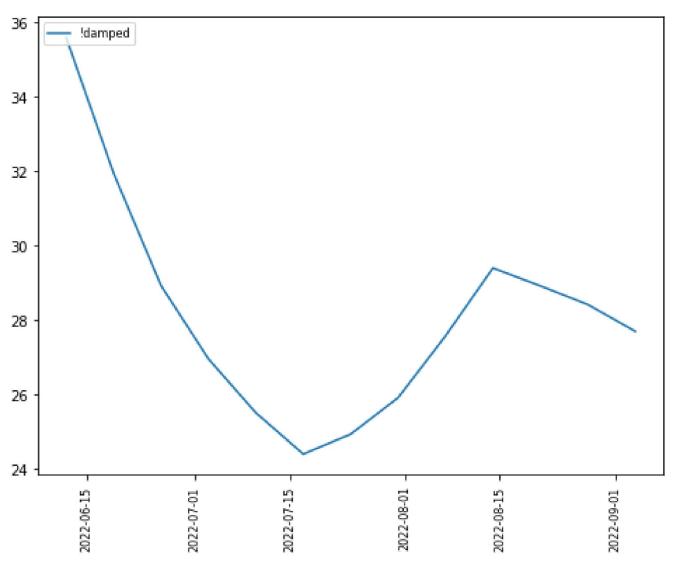
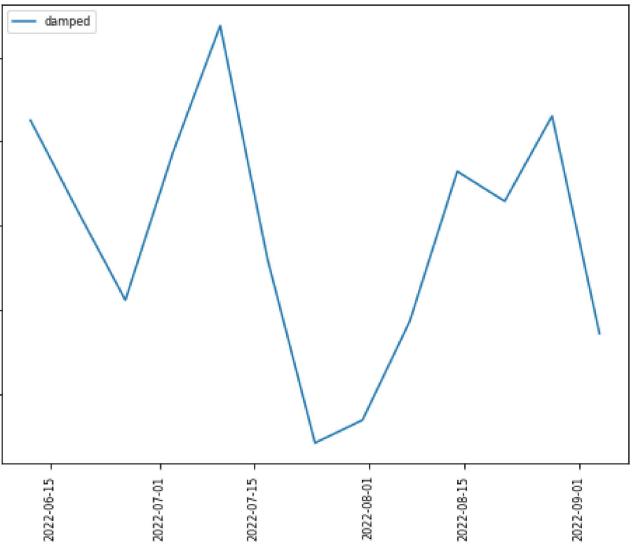
```

21dBOLD 21dMA-TP 21dBOLU

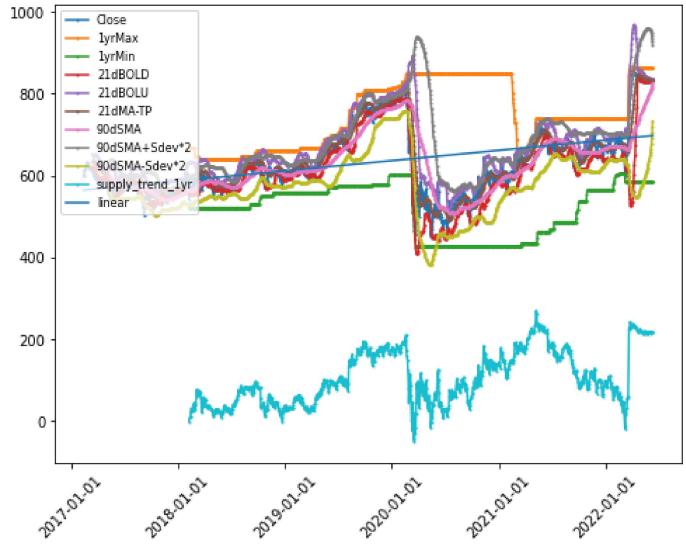
2022-06-10 35.91395 36.090158 36.266367

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
MTOR	1.167952	36.119999	20301256.12708	0.990077	0.308552	0.433895

ets next 13 weeks



```
1
['options', ('2022-08-19',)]
Y
Index: SP400
Sector: Financial Services
supply trend: 1456858.6989409984
risk trend factor: 7.384771627869685
```



```

beta currentRatio debtToEquity earningsGrowth   ebitda \
Y 0.663839      1.597      31.5     -0.433  1620000000

ebitdaMargins forwardPE freeCashflow grossMargins grossProfits \
Y 0.13423    9.936376  90016496     0.44211  5101669000

heldPercentInstitutions           industry   marketCap \
Y 0.86723  Insurance—Property & Casualty 11220848640

operatingCashflow operatingMargins payoutRatio pegRatio priceToBook \
Y 1928840960      0.11935      0     0.15   1.305451

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
Y 0.929715      0.0771     1.004     0.02938

returnOnEquity revenueGrowth revenuePerShare       sector \
Y 0.11868      0.025     878.577  Financial Services

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
Y 13454900      2.32    2298860032     170.857 2822777088

totalRevenue trailingPE
Y 12069126144 12.311554
2022-06-10

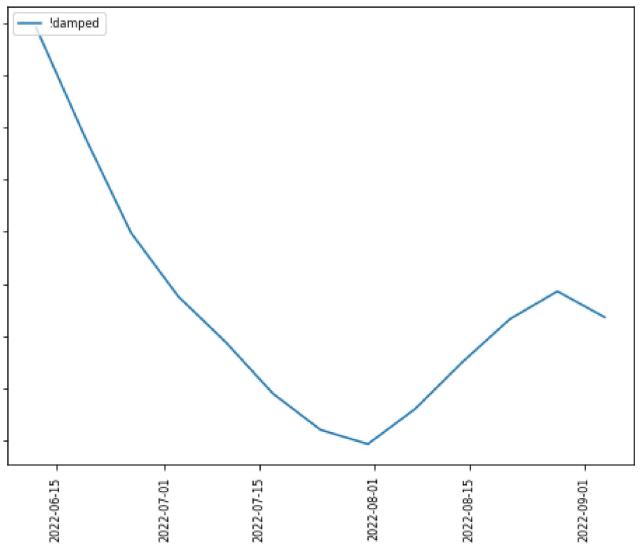
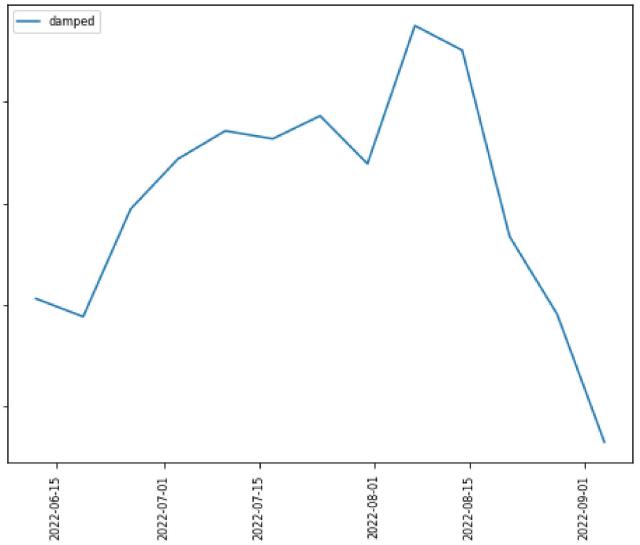
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 831.51432 833.616982 835.719644

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
Y	1.713893	834.109985	1456858.698941	0.928509	0.389055	0.457411

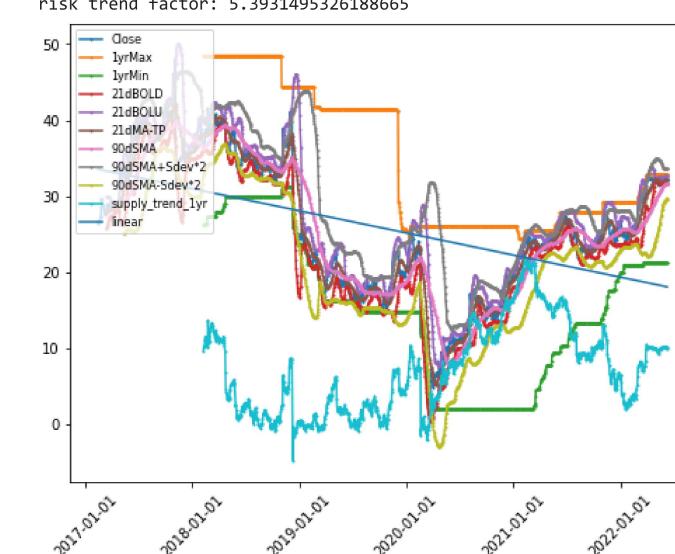
ets next 13 weeks



```

1      ['options', ('2022-07-15',)]
27
['sustainability',           Value
2022-5
palmOil          False
controversialWeapons False
gambling          False
socialScore        8.71
nuclear           False
furLeather        False
alcoholic          False
gmo                False
catholic           False
socialPercentile  None
peerCount          96
governanceScore   11.77
environmentPercentile  None
animalTesting     False
tobacco            False
totalEsg           21.71
highestControversy 1
esgPerformance    AVG_PERF
coal               False
pesticides         False
adult              False
percentile         30.32
peerGroup          Insurance
smallArms          False
environmentScore   1.23
governancePercentile  None
militaryContract  False]
TVTY
Index: SP600
Sector: error
supply trend: 14974563.993948562
risk trend factor: 5.3931495326188665

```



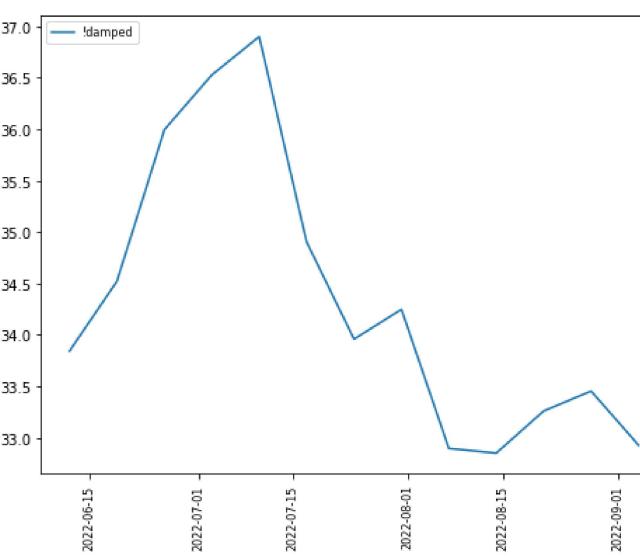
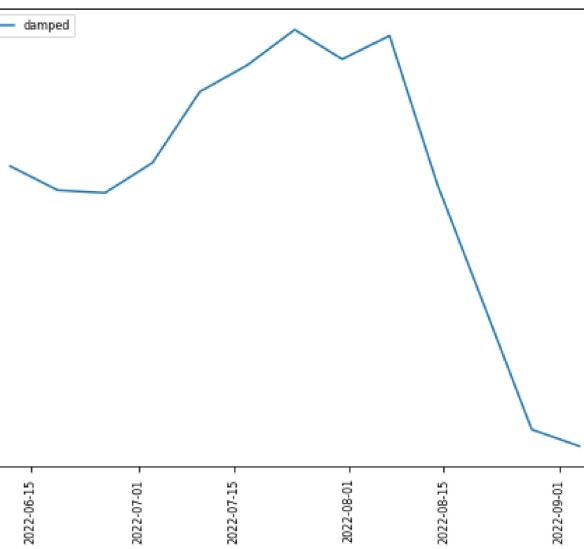
```

Empty DataFrame
Columns: []
Index: [TVTY]
2022-06-10
21dBOLD 21dMA-TP 21dBOLU
2022-06-10  31.743907  32.163968  32.58403

```

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
TVTY	0.975728	32.279999	14974563.993949	0.973128	0.524133	0.449983

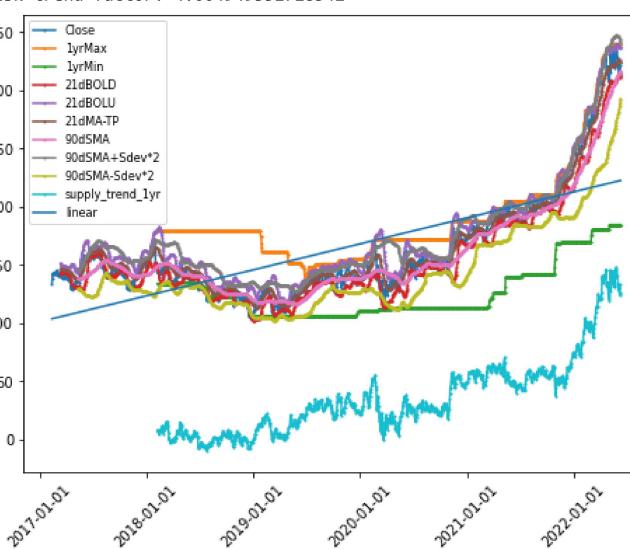
ets next 13 weeks



```

1
['options', ('2022-08-19',)]
MCK
Index: SP500
Sector: Healthcare
supply trend: 33946622.76853253
risk trend factor: 4.004949352728542

```



```

beta currentRatio dividendRate dividendYield earningsGrowth \
MCK 0.663839 0.954 1.88 0.0059 -0.406

ebitda ebitdaMargins forwardPE freeCashflow grossMargins \
MCK 3191000064 0.01209 12.411926 2685625088 0.04957

grossProfits heldPercentInstitutions industry marketCap \
MCK 13084000000 0.9152 Medical Distribution 45990576128

operatingCashflow operatingMargins payoutRatio pegRatio \
MCK 4433999872 0.00965 0.2521 1

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
MCK 0.174229 0.00422 0.456 0.02481

revenueGrowth revenuePerShare sector sharesOutstanding shortRatio \
MCK 0.118 1733.198 Healthcare 145364992 2.18

totalCash totalCashPerShare totalDebt totalRevenue trailingPE
MCK 3532000000 24.297 7616999936 263965999104 43.771442
2022-06-10

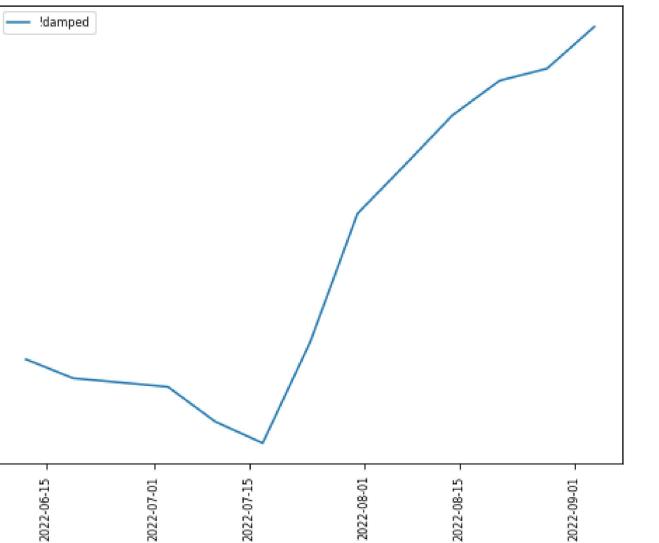
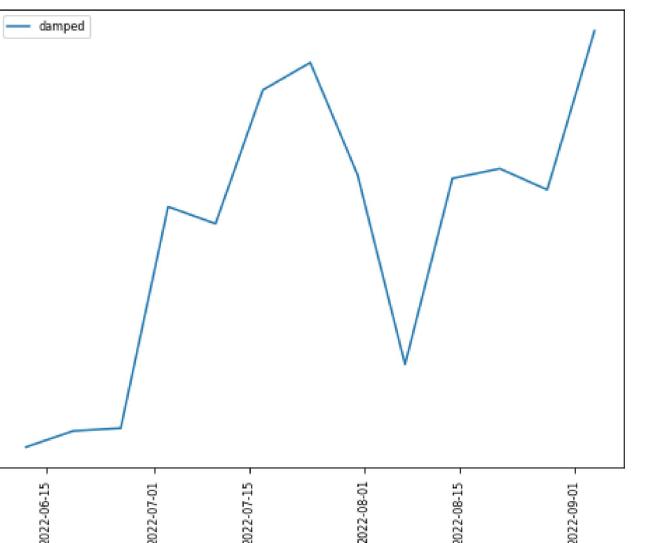
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 310.325661 323.309364 336.293067

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
MCK	0.653279	313.339996	33946622.768533	0.86712	0.998714	0.463166

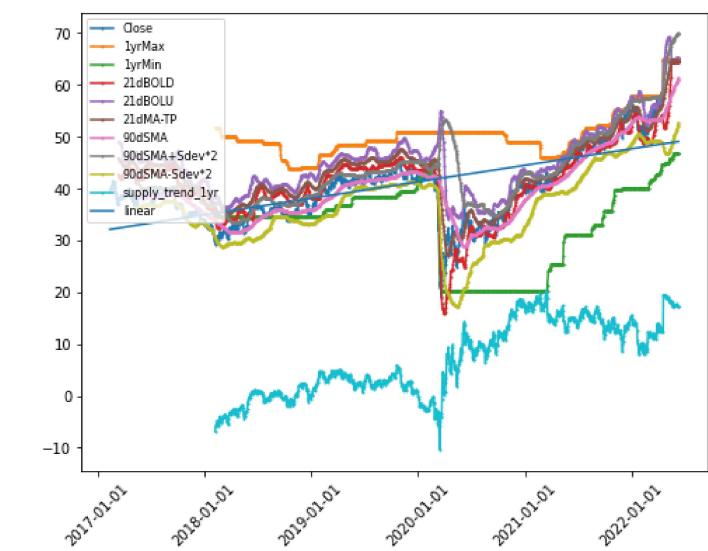
ets next 13 weeks



```

3
['options', ('2022-08-19', '2023-01-20', '2024-01-19')]
27
['sustainability', Value
2022-5
palmOil False
controversialWeapons False
gambling False
socialScore 7.37
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 58
governanceScore 5.52
environmentPercentile None
animalTesting False
tobacco False
totalEsg 15.17
highestControversy 3
esgPerformance UNDER_PERF
coal False
pesticides False
adult False
percentile 10.18
peerGroup Healthcare
smallArms False
environmentScore 2.29
governancePercentile None
militaryContract False]
ACC
Index: SP400
Sector: error
supply trend: 20837020.877458397
risk trend factor: 3.9171880564096475

```



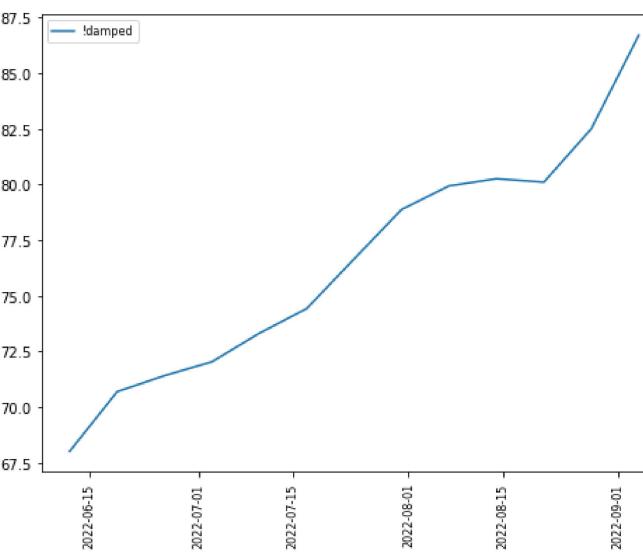
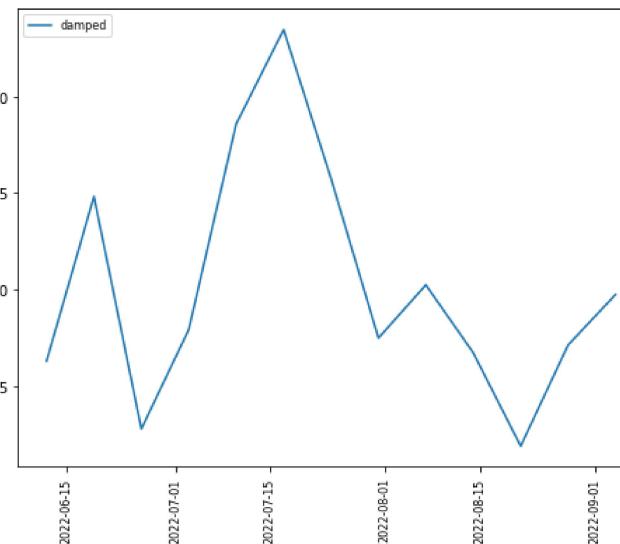
```

Empty DataFrame
Columns: []
Index: [ACC]
2022-06-10
21dBOLD 21dMA-TP 21dBOLU
2022-06-10 64.467277 64.776825 65.086373

```

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
ACC	2.984429	64.769997	20837020.877458	0.986823	0.981927	0.416828

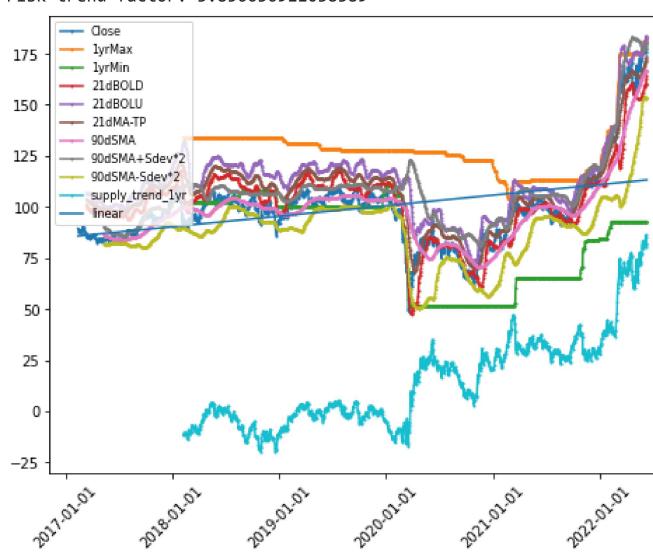
ets next 13 weeks



```

1
['options', ('2022-06-17',)]
CVX
Index: SP500
Sector: Energy
supply trend: 181490743.72163388
risk trend factor: 3.856636911038389

```



```

beta currentRatio debtToEquity dividendRate dividendYield \
CVX 1.078947      1.433     19.941      5.68      0.0315

earningsGrowth      ebitda ebitdaMargins forwardPE freeCashflow \
CVX 3.473 38521999360      0.21783 12.431709 21073375232

grossMargins grossProfits heldPercentInstitutions      industry \
CVX 0.40935 66234000000      0.71587 Oil & Gas Integrated

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
CVX 355886039040      33045999616      0.12219      0.5113      0.6

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
CVX 2.433922      2.012429      0.11596      1.119

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
CVX 0.05505      0.1469      0.683      92.025 Energy

sharesOutstanding shortRatio      totalCash totalCashPerShare      totalDebt \
CVX 1964809984      2.03 11704000512      5.957 29333000192

totalRevenue trailingPE
CVX 176843997184      17.0187
2022-06-10

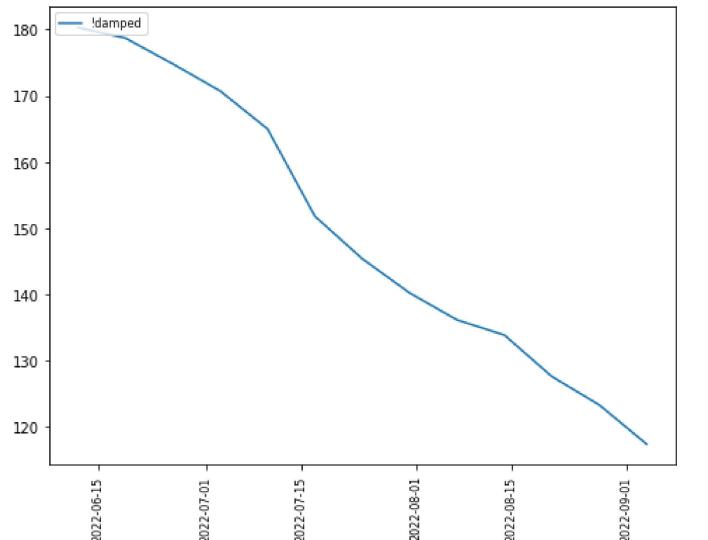
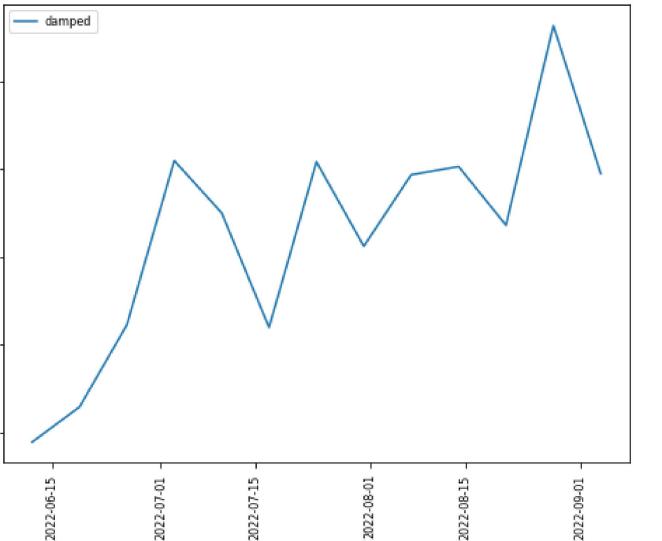
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 164.142905 173.680233 183.21756

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
CVX	1.209596	175.399994	181490743.721634	0.940293	0.97985	0.498334

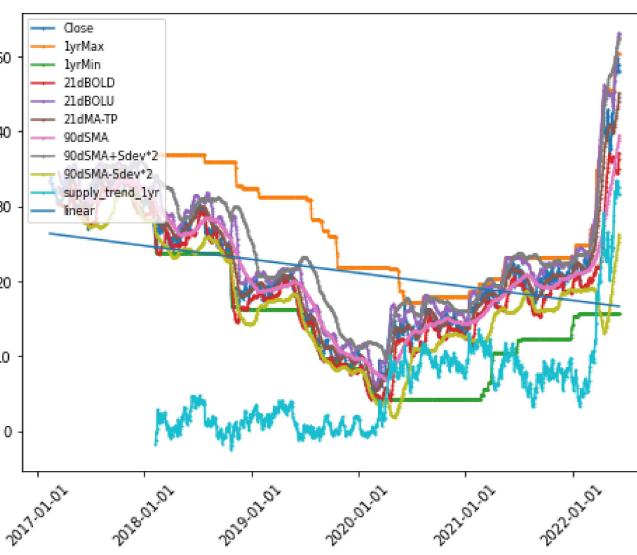
ets next 13 weeks



```

3
['options', ('2022-06-17', '2023-01-20', '2024-01-19')]
27
['sustainability',                                Value
2022-5
palmOil                      False
controversialWeapons          False
gambling                      False
socialScore                   10.63
nuclear                       False
furLeather                    False
alcoholic                     False
gmo                           False
catholic                      False
socialPercentile              None
peerCount                     66
governanceScore               9.95
environmentPercentile         None
animalTesting                 True
tobacco                        False
totalEsg                      43
highestControversy            3
esgPerformance                LEAD_PERF
coal                           False
pesticides                     False
adult                          False
percentile                     92.22
peerGroup                      Oil & Gas Producers
smallArms                      False
environmentScore               22.42
governancePercentile          None
militaryContract               False]
EQT
Index: SP400
Sector: Energy
supply trend: 137472571.69969743
risk trend factor: 3.747308089815218

```



```

beta currentRatio debtToEquity dividendRate dividendYield \
EQT 1.156862      0.398     61.543      0.5      0.0133

ebitda ebitdaMargins forwardPE freeCashflow grossMargins \
EQT -1089323008    -0.13465   21.603603   2408109568      0.734

grossProfits heldPercentInstitutions industry marketCap \
EQT 4672261000      1.00436   Oil & Gas E&P 18126721024

operatingCashflow operatingMargins pegRatio priceToBook \
EQT 2283751936      -0.3565    0.27      2.196373

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
EQT 2.240665      -0.32564    0.162     -0.09046

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
EQT -0.3018       1.206      23.313     Energy      377955008

shortRatio totalCash totalCashPerShare totalDebt totalRevenue
EQT 2 16913000      0.046     5050277888   8089885184
2022-06-10

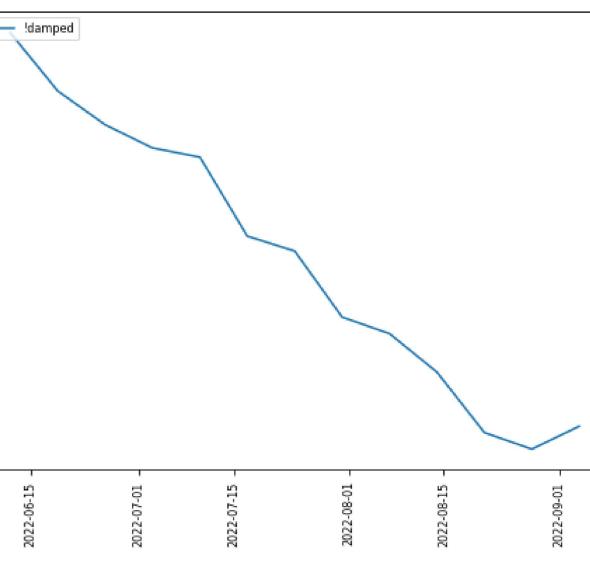
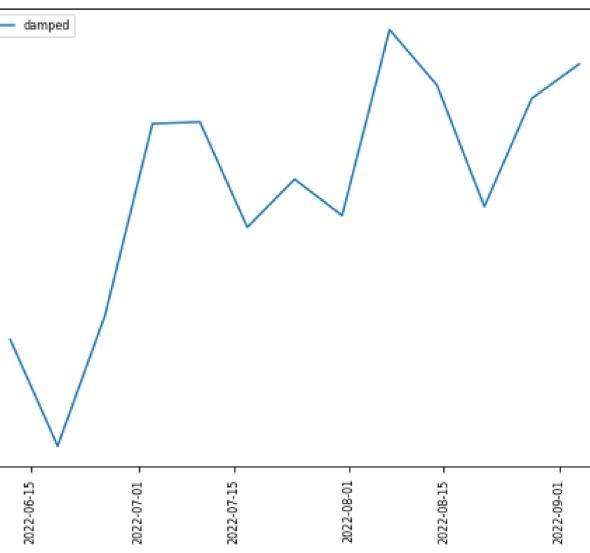
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 37.159954 45.132857 53.10576

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
EQT	1.217357	47.959999	137472571.699697	0.938581	0.932879	0.501911

ets next 13 weeks



21
['quarterly_balance_sheet', 2022-03-31 2021-12-31 2021-09-30]
Total Liab 1.360858e+10 1.156162e+10 1.475200e+10
Total Stockholder Equity 8.188673e+09 1.002953e+10 8.248460e+09
Minority Interest 1.736000e+07 1.623600e+07 1.126500e+07
Other Current Liab 5.695198e+09 2.471048e+09 6.032718e+09
Total Assets 2.181461e+10 2.160739e+10 2.301172e+10
Common Stock 9.921348e+09 1.016796e+10 1.018065e+10
Other Current Assets 1.304109e+09 6.911100e+08 1.428073e+09
Retained Earnings -1.725279e+09 -1.157790e+08 -1.908833e+09
Other Liab 1.446828e+09 1.926612e+09 1.346475e+09
Treasury Stock -7.396000e+06 -2.265700e+07 -2.335900e+07
Other Assets 4.927920e+08 8.756020e+08 8.897110e+08
Cash 1.691300e+07 1.139630e+08 2.279200e+07
Total Current Liabilities 7.605287e+09 5.080171e+09 7.228353e+09
Short Long Term Debt 4.938150e+08 9.549000e+08 1.244100e+07
Other Stockholder Equity -4.548000e+06 -4.611000e+06 -5.157000e+06
Property Plant Equipment 1.829589e+10 1.844502e+10 1.878111e+10
Total Current Assets 3.025930e+09 2.286766e+09 3.340899e+09
Net Tangible Assets 8.188673e+09 1.002953e+10 8.248460e+09
Net Receivables 1.212596e+09 1.438031e+09 1.132364e+09
Long Term Debt 4.556463e+09 4.530102e+09 6.177167e+09
Accounts Payable 1.416274e+09 1.339251e+09 1.183194e+09

2021-06-30
Total Liab 1.068284e+10
Total Stockholder Equity 8.291758e+09
Minority Interest 1.066400e+07
Other Current Liab 2.459368e+09
Total Assets 1.898526e+10
Common Stock 8.245752e+09
Other Current Assets 6.488550e+08
Retained Earnings 7.128400e+07
Other Liab 1.907015e+09
Treasury Stock -2.527800e+07
Other Assets 9.975310e+08
Cash 3.307700e+08
Total Current Liabilities 3.679201e+09
Short Long Term Debt 3.996990e+08
Other Stockholder Equity -5.194000e+06
Property Plant Equipment 1.581907e+10
Total Current Assets 2.168655e+09
Net Tangible Assets 8.291758e+09
Net Receivables 6.515680e+08
Long Term Debt 5.096619e+09
Accounts Payable 8.201340e+08]

18
['quarterly_cashflow', 2022-03-31 2021-12-31]
Change To Liabilities 5.286700e+07 1.804790e+08
Total Cashflows From Investing Activities -2.911720e+08 -3.578840e+08
Net Borrowings -5.441740e+08 -7.123310e+08
Total Cash From Financing Activities -8.270970e+08 -7.218910e+08
Change To Operating Activities -1.461280e+08 5.418350e+08
Issuance Of Stock 1.214000e+06 1.214000e+06
Net Income -1.516048e+09 1.801333e+09
Change In Cash -9.705000e+07 9.117100e+07
Repurchase Of Stock -2.301390e+08 -1.296200e+07
Total Cash From Operating Activities 1.021219e+09 1.170946e+09
Depreciation 4.352770e+08 5.105630e+08
Other Cashflows From Investing Activities -1.490000e+05 -2.778600e+07
Dividends Paid -4.706300e+07 -4.706300e+07
Change To Account Receivables 2.259680e+08 -2.955500e+08
Other Cashflows From Financing Activities -6.935000e+06 3.402000e+06
Change To Netincome 1.969283e+09 -1.570860e+09
Capital Expenditures -2.922810e+08 -3.481900e+08
Investments NaN 2.436900e+07

2021-09-30 2021-06-30
Change To Liabilities 1.653180e+08 -5541000.0
Total Cashflows From Investing Activities -1.039960e+09 -426988000.0
Net Borrowings 6.856860e+08 698705000.0
Total Cash From Financing Activities 6.838740e+08 673609000.0
Change To Operating Activities -2.052750e+08 -360908000.0
Issuance Of Stock 1.214000e+06 1214000.0
Net Income -1.986117e+09 -936457000.0
Change In Cash -3.079780e+08 290100000.0
Repurchase Of Stock -1.122000e+06 -51000.0
Total Cash From Operating Activities 4.818000e+07 43479000.0
Depreciation 4.528740e+08 391417000.0
Other Cashflows From Investing Activities 8.465000e+06 1758000.0
Dividends Paid -4.706300e+07 -47063000.0
Change To Account Receivables -3.048780e+08 13335000.0
Other Cashflows From Financing Activities -6.900000e+05 -25045000.0
Change To Netincome 1.923332e+09 941633000.0
Capital Expenditures -2.366790e+08 -218982000.0
Investments 2.436900e+07 24369000.0]

4
['quarterly_earnings', Revenue Earnings
Quarter
2Q2021 1063417000 -936457000
3Q2021 1766717000 -1980117000
4Q2021 2792407000 1801333000

1Q2022 2467344000 -1516048000]

22
['quarterly_financials',
Research Development None None
Effect Of Accounting Charges None None
Income Before Tax -1980280000.0 2393634000.0
Minority Interest 17360000.0 16236000.0
Net Income -1516048000.0 1801333000.0
Selling General Administrative 69096000.0 52343000.0
Gross Profit 1911411000.0 2213006000.0
Ebit -1859484000.0 2753035000.0
Operating Income -1859484000.0 2753035000.0
Other Operating Expenses 3278929000.0 -1069974000.0
Interest Expense -67902000.0 -76469000.0
Extraordinary Items None None
Non Recurring None None
Other Items None None
Income Tax Expense -465697000.0 591080000.0
Total Revenue 2467344000.0 2792407000.0
Total Operating Expenses 4326828000.0 39372000.0
Cost Of Revenue 555933000.0 579401000.0
Total Other Income Expense Net -120796000.0 -359401000.0
Discontinued Operations None None
Net Income From Continuing Ops -1514583000.0 1802554000.0
Net Income Applicable To Common Shares -1516048000.0 1801333000.0

2021-09-30 2021-06-30

Research Development None None
Effect Of Accounting Charges None None
Income Before Tax -2642431000.0 -1284365000.0
Minority Interest 11265000.0 10664000.0
Net Income -1980117000.0 -936457000.0
Selling General Administrative 49113000.0 49853000.0
Gross Profit 1239679000.0 573854000.0
Ebit -2568808000.0 -1208823000.0
Operating Income -2568808000.0 -1208823000.0
Other Operating Expenses 3296003000.0 1350757000.0
Interest Expense -80349000.0 -76986000.0
Extraordinary Items None None
Non Recurring None None
Other Items None None
Income Tax Expense -662915000.0 -347846000.0
Total Revenue 1766717000.0 1063417000.0
Total Operating Expenses 4335525000.0 2272240000.0
Cost Of Revenue 527038000.0 489563000.0
Total Other Income Expense Net -73623000.0 -75542000.0
Discontinued Operations None None
Net Income From Continuing Ops -1979516000.0 -936519000.0
Net Income Applicable To Common Shares -1980117000.0 -936457000.0]

10

['mutualfund_holders', Holder Shares Date Reported \\\n0 Vanguard Total Stock Market Index Fund 10743775 2021-12-30\\\n1 Vanguard Small-Cap Index Fund 9517470 2021-12-30\\\n2 iShares Core S&P Midcap ETF 8386370 2022-01-30\\\n3 Fidelity Low-Priced Stock Fund 7654281 2022-02-27\\\n4 Price (T.Rowe) Mid-Cap Value Fund 6376041 2021-12-30\\\n5 Vanguard Small Cap Value Index Fund 6033276 2021-12-30\\\n6 Blackrock Equity Dividend Fund 4987579 2022-01-30\\\n7 BlackRock Global Allocation Fund 4799848 2022-01-30\\\n8 Fidelity Mid-Cap Stock Fund 4651596 2022-02-27\\\n9 SPDR (R) Ser Tr-SPDR (R) S&P (R) Oil & Gas Exp... 4286671 2022-01-30]

% Out Value\\\n0 0.0291 234321732\\\n1 0.0258 207576020\\\n2 0.0227 178210362\\\n3 0.0207 177120062\\\n4 0.0173 139061454\\\n5 0.0163 131585749\\\n6 0.0135 105986053\\\n7 0.0130 101996770\\\n8 0.0126 107637931\\\n9 0.0116 91091758]\n3

['options', ('2022-06-17', '2023-01-20', '2024-01-19')]

27
['sustainability', Value

2022-5

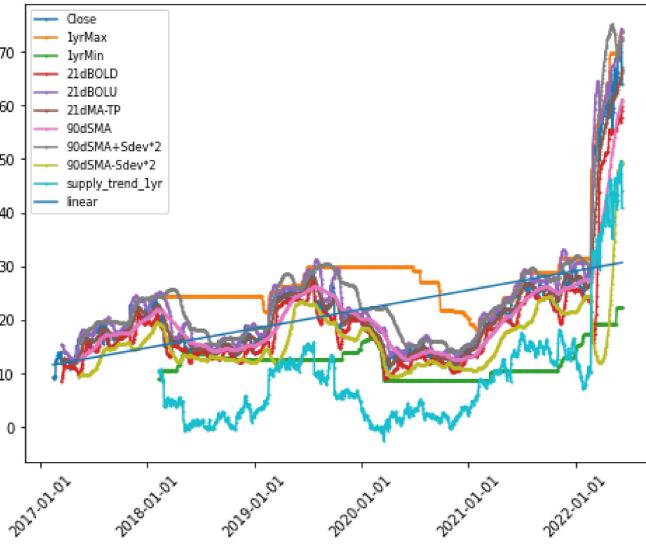
palmOil False\\\ncontroversialWeapons False\\\ngambling False\\\nsocialsScore 10.21\\\nnuclear False\\\nfurLeather False\\\nalcoholic False\\\ngmo False\\\ncatholic False\\\nsocialPercentile 0\\\npeerCount 66\\\ngovernanceScore 7.64\\\nenvironmentPercentile 0\\\nanimalTesting False

```

tobacco      False
totalEsg      37.38
highestControversy 1
esgPerformance LEAD_PERF
coal          False
pesticides    False
adult          False
percentile    83.58
peerGroup     Oil & Gas Producers
smallArms     False
environmentScore 19.53
governancePercentile 0
militaryContract False]
LNTH

```

Index: SP600
Sector: Healthcare
supply trend: 10889615.279878972
risk trend factor: 3.5409330254651064



```

beta currentRatio debtToEquity earningsGrowth ebitda \
LNTH 0.750453 1.828 36.846 3.692 108329000

```

```

ebitdaMargins forwardPE freeCashflow grossMargins grossProfits \
LNTH 0.20002 21.648647 77142872 0.50913 187695000

```

```

heldPercentInstitutions industry marketCap \
LNTH 1.01214 Diagnostics & Research 4947831808

```

```

operatingCashflow operatingMargins payoutRatio pegRatio priceToBook \
LNTH 54362000 0.11518 0 0.63 9.582613

```

```

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
LNTH 9.135937 -0.06892 1.563 0.04389

```

```

returnOnEquity revenueGrowth revenuePerShare sector \
LNTH -0.07151 1.258 7.998 Healthcare

```

```

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
LNTH 68634096 2 105355000 1.535 190072992

```

```

totalRevenue
LNTH 541579008
2022-06-10

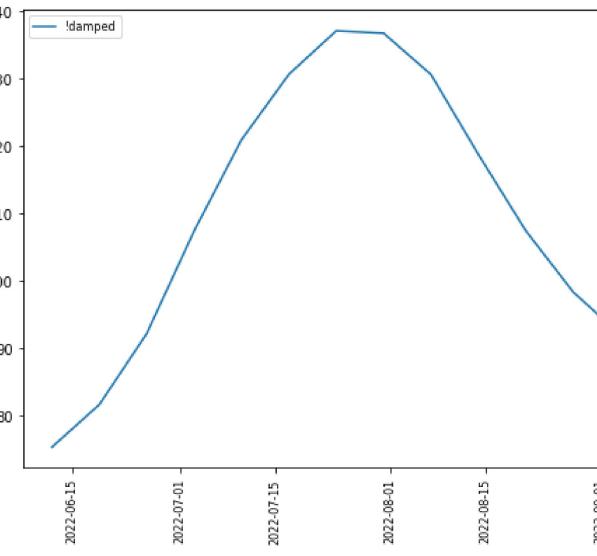
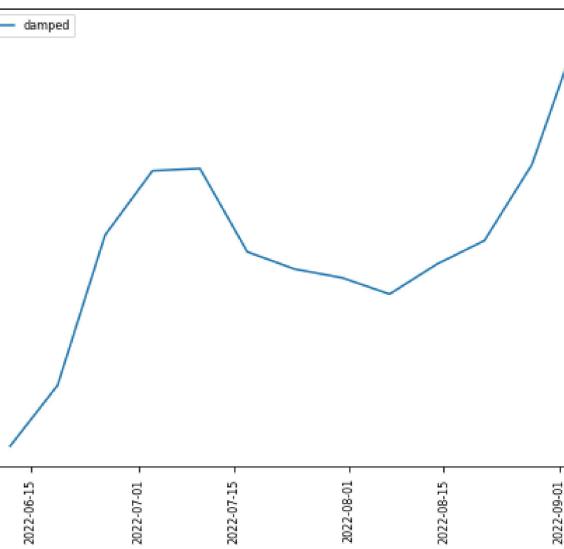
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 59.745909 66.695412 73.644916

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
LNTH	2.300963	63.849998	10889615.279879	0.843029	0.990883	0.532857

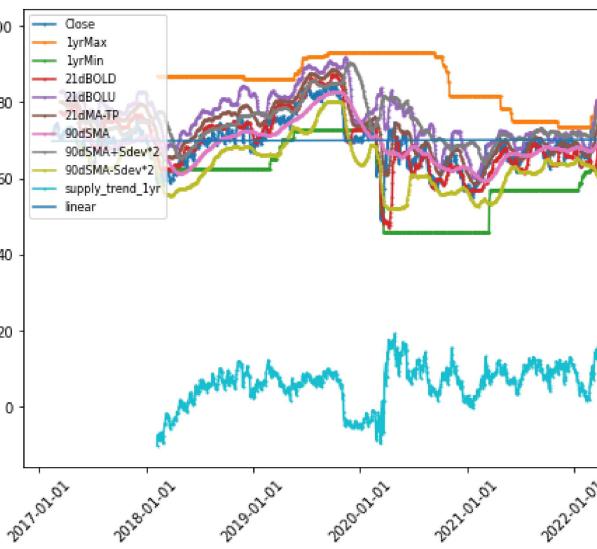
ets next 13 weeks



```

1
['options', ('2022-07-15',)]
SWX
Index: SP400
Sector: Utilities
supply trend: 7059509.30408472
risk trend factor: 3.5300741485196108

```



```

beta currentRatio debtToEquity dividendRate dividendYield \
SWX 0.108035      0.778     174.475      2.48      0.0263

earningsGrowth     ebitda ebitdaMargins forwardPE freeCashflow \
SWX   -0.222    786628992     0.19366 19.052631   -470833120

grossMargins grossProfits heldPercentInstitutions \
SWX   0.21709     853431000      0.89023

industry marketCap operatingCashflow operatingMargins \
SWX Utilities-Regulated Gas 6292110336      350460000      0.09512

payoutRatio pegRatio priceToBook priceToSalesTrailing12Months \
SWX   0.8123      5.02      1.803307      1.549036

profitMargins quickRatio returnOnAssets returnOnEquity revenueGrowth \
SWX   0.04423      0.551      0.02178      0.05621      0.431

revenuePerShare sector sharesOutstanding shortRatio totalCash \
SWX   67.779 Utilities      66852000      1.78   624665984

totalCashPerShare totalDebt totalRevenue trailingPE
SWX   9.344   6324827136  4061953024  31.40474
2022-06-10

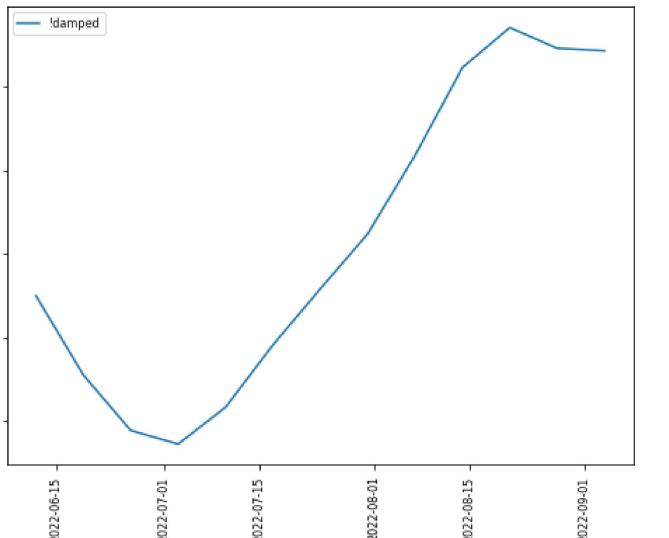
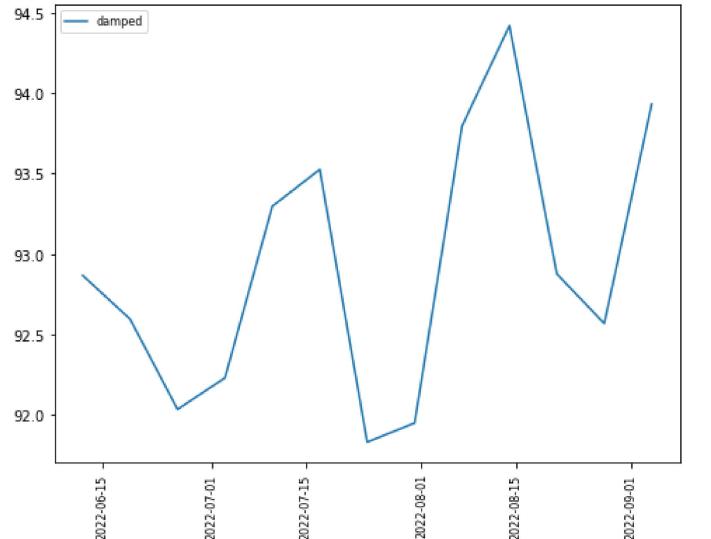
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21dBOLD 21dMA-TP 21dBOLU

2022-06-10 91.063144 92.741905 94.420666

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SWX	1.47625	91.889999	7059509.304085	0.903418	0.284442	0.398907

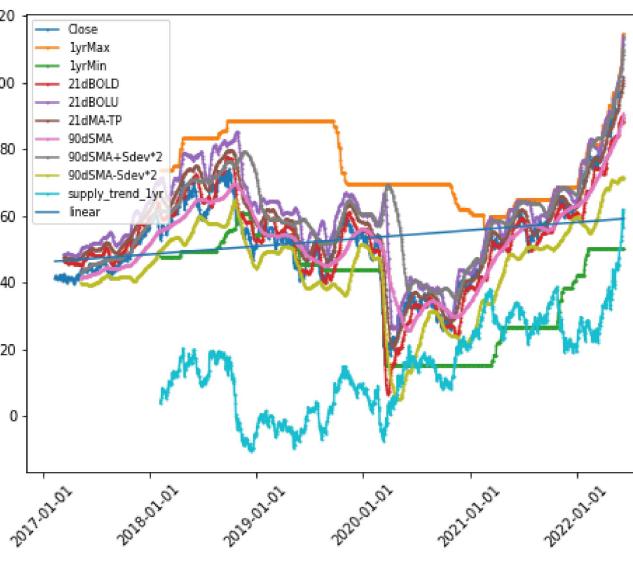
ets next 13 weeks



```

1
['options', ('2022-07-15',)]
MPC
Index: SP500
Sector: Energy
supply trend: 132481329.19818456
risk trend factor: 3.5134226610249177

```



beta currentRatio debtToEquity dividendRate dividendYield \\\nMPC 1.910294 1.704 80.117 2.32 0.0242

earningsGrowth ebitda ebitdaMargins forwardPE freeCashflow \\\nMPC 1.917 7120999936 0.05912 25.672987 16415250432

grossMargins grossProfits heldPercentInstitutions \\\nMPC 0.0867 10443000000 0.82037

industry marketCap operatingCashflow \\\nMPC Oil & Gas Refining & Marketing 66692796416 4360000000

operatingMargins payoutRatio pegRatio priceToBook \\\nMPC 0.03119 0.5472 0.55 2.38288

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \\\nMPC 0.553692 0.08085 1.222 0.02754

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \\\nMPC 0.08003 0.967 189.986 Energy 615587968

shortRatio totalCash totalCashPerShare totalDebt totalRevenue \\\nMPC 2.92 10839000064 19.177 26904000512 120450998272

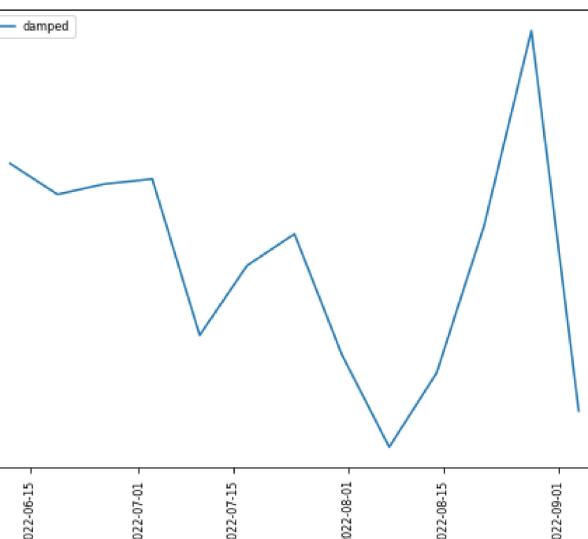
trailingPE
MPC 7.604941
2022-06-10

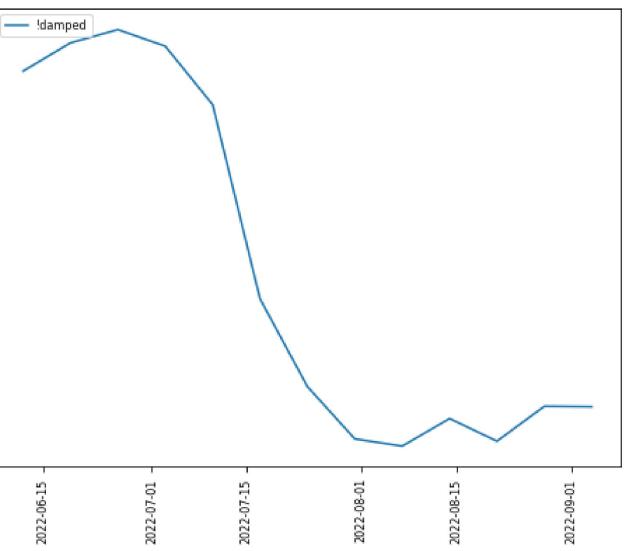
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 89.236784 101.560094 113.883404

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MPC	0.997729	108.339996	132481329.198185	0.931541	0.991702	0.523957

ets next 13 weeks





27				
	'quarterly_balance_sheet',	2021-12-31	2021-09-30	2021-06-30 \
Capital Surplus	3.326200e+10	3.325600e+10	3.323800e+10	
Total Liab	5.179200e+10	5.333600e+10	5.760700e+10	
Total Stockholder Equity	2.620600e+10	2.828000e+10	2.892100e+10	
Minority Interest	7.375000e+09	7.684000e+09	7.772000e+09	
Other Current Liab	2.278000e+09	3.377000e+09	6.148000e+09	
Total Assets	8.537300e+10	8.930000e+10	9.430000e+10	
Common Stock	1.000000e+07	1.000000e+07	1.000000e+07	
Other Current Assets	5.680000e+08	5.850000e+08	5.850000e+08	
Retained Earnings	1.290500e+10	1.248400e+10	1.216000e+10	
Other Liab	7.999000e+09	8.193000e+09	8.825000e+09	
Good Will	8.256000e+09	8.256000e+09	8.256000e+09	
Treasury Stock	-1.997100e+10	-1.747000e+10	-1.648700e+10	
Other Assets	2.400000e+09	2.463000e+09	2.532000e+09	
Cash	5.291000e+09	5.874000e+09	1.183900e+10	
Total Current Liabilities	1.789800e+10	1.689800e+10	1.951200e+10	
Deferred Long Term Asset Charges	2.000000e+06	Nan	Nan	
Short Long Term Debt	4.980000e+08	7.300000e+07	7.000000e+07	
Other Stockholder Equity	-6.700000e+07	-3.440000e+08	-3.400000e+08	
Property Plant Equipment	3.881200e+10	3.905400e+10	3.949600e+10	
Total Current Assets	3.049600e+10	3.414300e+10	3.859200e+10	
Long Term Investments	5.409000e+09	5.384000e+09	5.424000e+09	
Net Tangible Assets	1.795000e+10	2.002400e+10	2.066500e+10	
Short Term Investments	5.548000e+09	7.352000e+09	5.418000e+09	
Net Receivables	1.103400e+10	1.112100e+10	1.187100e+10	
Long Term Debt	2.444300e+10	2.665500e+10	2.763900e+10	
Inventory	8.055000e+09	9.211000e+09	8.879000e+09	
Accounts Payable	1.370000e+10	1.219600e+10	1.217000e+10	
	2021-03-31			
Capital Surplus	3.322200e+10			
Total Liab	5.717200e+10			
Total Stockholder Equity	2.159200e+10			
Minority Interest	7.887000e+09			
Other Current Liab	3.370000e+09			
Total Assets	8.665100e+10			
Common Stock	1.000000e+07			
Other Current Assets	1.176200e+10			
Retained Earnings	4.029000e+09			
Other Liab	9.386000e+09			
Good Will	8.256000e+09			
Treasury Stock	-1.566900e+10			
Other Assets	2.594000e+09			
Cash	6.240000e+08			
Total Current Liabilities	1.608500e+10			
Deferred Long Term Asset Charges	Nan			
Short Long Term Debt	6.900000e+07			
Other Stockholder Equity	-5.110000e+08			
Property Plant Equipment	4.000500e+10			
Total Current Assets	3.036100e+10			
Long Term Investments	5.435000e+09			
Net Tangible Assets	1.333600e+10			
Short Term Investments	Nan			
Net Receivables	9.568000e+09			
Long Term Debt	3.006100e+10			
Inventory	8.407000e+09			
Accounts Payable	9.953000e+09]		
19				
	'quarterly_cashflow',	2021-12-31	2021-09-30 \	
Investments	1.742000e+09	-1.934000e+09		
Change To Liabilities	1.590000e+09	1.930000e+08		
Total Cashflows From Investing Activities	1.448000e+09	-2.054000e+09		
Net Borrowings	-1.951000e+09	-1.018000e+09		
Total Cash From Financing Activities	-5.703000e+09	-2.762000e+09		
Change To Operating Activities	-2.000000e+06	1.000000e+06		
Issuance Of Stock	3.500000e+07	1.800000e+07		
Net Income	7.740000e+08	6.940000e+08		
Change In Cash	-5.810000e+08	-5.964000e+09		
Repurchase Of Stock	-2.742000e+09	-9.280000e+08		
Total Cash From Operating Activities	3.674000e+09	-1.148000e+09		
Depreciation	8.130000e+08	8.360000e+08		
Other Cashflows From Investing Activities	1.320000e+08	2.400000e+08		
Dividends Paid	-3.540000e+08	-3.700000e+08		
Change To Inventory	1.173000e+09	-3.260000e+08		
Change To Account Receivables	-1.534000e+09	1.820000e+08		
Other Cashflows From Financing Activities	-6.910000e+08	-4.640000e+08		
Change To Netincome	8.400000e+08	-2.746000e+09		
Capital Expenditures	-4.810000e+08	-3.770000e+08		
	2021-06-30 2021-03-31			
Investments	-5.477000e+09	-5.000000e+07		
Change To Liabilities	2.656000e+09	1.821000e+09		
Total Cashflows From Investing Activities	1.567000e+10	-2.670000e+08		
Net Borrowings	-4.169000e+09	8.650000e+08		
Total Cash From Financing Activities	-5.970000e+09	1.600000e+07		
Change To Operating Activities	-1.000000e+06	5.000000e+06		
Issuance Of Stock	3.000000e+07	2.300000e+07		
Net Income	8.512000e+09	-2.420000e+08		
Change In Cash	1.108000e+10	2.030000e+08		
Repurchase Of Stock	-9.840000e+08	-9.840000e+08		
Total Cash From Operating Activities	1.380000e+09	4.540000e+08		

```

Depreciation 8.710000e+08 8.440000e+08
Other Cashflows From Investing Activities 2.144400e+10 1.100000e+07
Dividends Paid -3.810000e+08 -3.790000e+08
Change To Inventory -4.720000e+08 -4.080000e+08
Change To Account Receivables -2.224000e+09 -1.723000e+09
Other Cashflows From Financing Activities -4.660000e+08 -4.930000e+08
Change To Netincome -7.981000e+09 1.350000e+08
Capital Expenditures -3.020000e+08 -3.040000e+08 ]

```

```

4
['quarterly_earnings', Revenue Earnings
Quarter
1Q2021 22788000000 -242000000
2Q2021 29734000000 8512000000
3Q2021 32491000000 694000000
4Q2021 35438000000 774000000]

```

22

```
['quarterly_financials', 2021-12-31 2021-09-30 \
```

	2021-12-31	2021-09-30	\
Research Development	None	None	
Effect Of Accounting Charges	None	None	
Income Before Tax	1348000000.0	1012000000.0	
Minority Interest	7375000000.0	7684000000.0	
Net Income	774000000.0	694000000.0	
Selling General Administrative	654000000.0	691000000.0	
Gross Profit	3254000000.0	2928000000.0	
Ebit	1610000000.0	1208000000.0	
Operating Income	1610000000.0	1208000000.0	
Other Operating Expenses	1770000000.0	1930000000.0	
Interest Expense	-302000000.0	-313000000.0	
Extraordinary Items	None	None	
Non Recurring	None	None	
Other Items	None	None	
Income Tax Expense	243000000.0	-18000000.0	
Total Revenue	35438000000.0	32491000000.0	
Total Operating Expenses	33828000000.0	31283000000.0	
Cost Of Revenue	32184000000.0	29563000000.0	
Total Other Income Expense Net	-262000000.0	-196000000.0	
Discontinued Operations	Nan	Nan	
Net Income From Continuing Ops	1105000000.0	1030000000.0	
Net Income Applicable To Common Shares	772000000.0	694000000.0	

	2021-06-30	2021-03-31	
Research Development	None	None	
Effect Of Accounting Charges	None	None	
Income Before Tax	593000000.0	-136000000.0	
Minority Interest	7772000000.0	7887000000.0	
Net Income	8512000000.0	-242000000.0	
Selling General Administrative	681000000.0	575000000.0	
Gross Profit	2557000000.0	1704000000.0	
Ebit	816000000.0	123000000.0	
Operating Income	816000000.0	123000000.0	
Other Operating Expenses	189000000.0	162000000.0	
Interest Expense	-318000000.0	-334000000.0	
Extraordinary Items	None	None	
Non Recurring	None	None	
Other Items	None	None	
Income Tax Expense	5000000.0	34000000.0	
Total Revenue	29734000000.0	22788000000.0	
Total Operating Expenses	28918000000.0	22665000000.0	
Cost Of Revenue	27177000000.0	21084000000.0	
Total Other Income Expense Net	-223000000.0	-259000000.0	
Discontinued Operations	8214000000.0	234000000.0	
Net Income From Continuing Ops	588000000.0	-170000000.0	
Net Income Applicable To Common Shares	8512000000.0	-242000000.0]

10

	Holder	Shares	Date Reported	\
0	Select Sector SPDR Fund-Energy Select	18103056	2022-01-30	
1	Vanguard Total Stock Market Index Fund	17494854	2021-12-30	
2	Vanguard 500 Index Fund	13037019	2021-12-30	
3	Vanguard Mid-Cap Index Fund	6960433	2021-12-30	
4	SPDR S&P 500 ETF Trust	6540311	2022-01-30	
5	Fidelity 500 Index Fund	6304109	2022-02-27	
6	iShares Core S&P 500 ETF	5120813	2022-01-30	
7	Vanguard Index-Value Index Fund	4704115	2021-12-30	
8	Vanguard Institutional Index Fund-Institutional...	4638261	2021-12-30	
9	iShares Select Dividend ETF	4127022	2022-01-30	

% Out	Value
0.0335	1298894268
0.0323	1119495707
0.0241	834238845
0.0129	445398107
0.0121	469267314
0.0117	490900967
0.0095	367418332
0.0087	301016318
0.0086	296802321
0.0076	296113828

4

['options', ('2022-07-15', '2022-09-16', '2023-01-20', '2024-01-19')]

27

['sustainability', Value

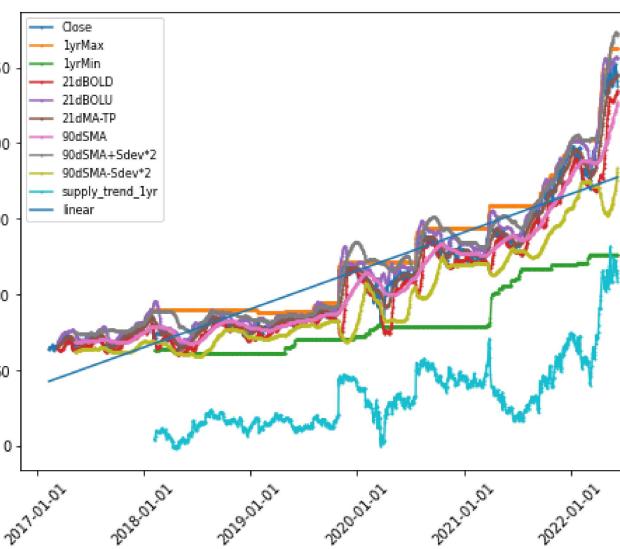
2022-5

```

palmOil False
controversialWeapons False
gambling False
socialScore 7.01
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile 0
peerCount 39
governanceScore 5.87
environmentPercentile 0
animalTesting False
tobacco False
totalEsg 28.78
highestControversy 3
esgPerformance None
coal False
pesticides False
adult False
percentile 57.14
peerGroup Refiners & Pipelines
smallArms False
environmentScore 15.91
governancePercentile 0
militaryContract False]
MUSA

```

Index: SP400
Sector: Consumer Cyclical
supply trend: 7365132.299546142
risk trend factor: 3.503539798547629



```

beta currentRatio debtToEquity dividendRate dividendYield \
MUSA 0.820982 1.083 283.285 1.24 0.005

```

```

earningsGrowth ebitda ebitdaMargins forwardPE freeCashflow \
MUSA 2.025 950200000 0.05637 19.691177 451787488

```

```

grossMargins grossProfits heldPercentInstitutions industry \
MUSA 0.07071 1064700000 0.86324 Specialty Retail

```

```

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
MUSA 6157129216 846800000 0.04334 0.0569 3.33

```

```

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
MUSA 7.779171 0.365287 0.02931 0.733

```

```

returnOnAssets returnOnEquity revenueGrowth revenuePerShare \
MUSA 0.11155 0.62846 0.501 658.653

```

```

sector sharesOutstanding shortRatio totalCash \
MUSA Consumer Cyclical 24201600 4.6 35620000

```

```

totalCashPerShare totalDebt totalRevenue trailingPE
MUSA 14.718 2242200064 16855600128 13.386478
2022-06-10

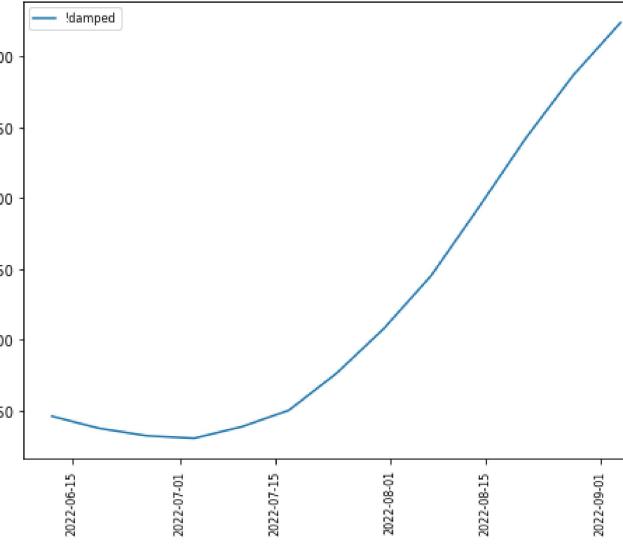
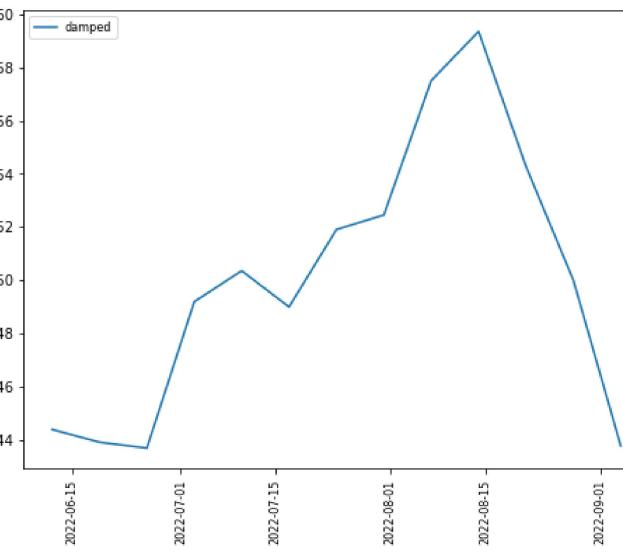
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21dBOLD 21dMA-TP 21dBOLU

2022-06-10 234.45771 245.340318 256.222926

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MUSA	1.023661	237.960007	7365132.299546	0.839578	0.99617	0.410367

ets next 13 weeks



```
2
['options', ('2022-07-15', '2022-11-18')]
```

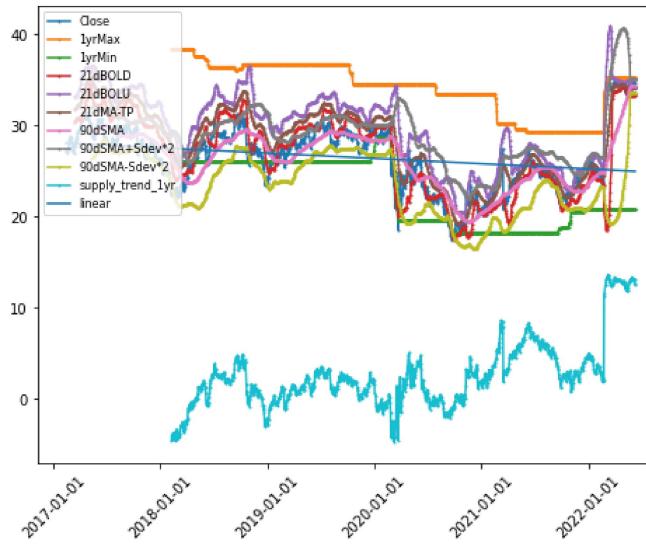
SJI

Index: SP600

Sector: Utilities

supply trend: 18167782.072617248

risk trend factor: 3.390475619569739



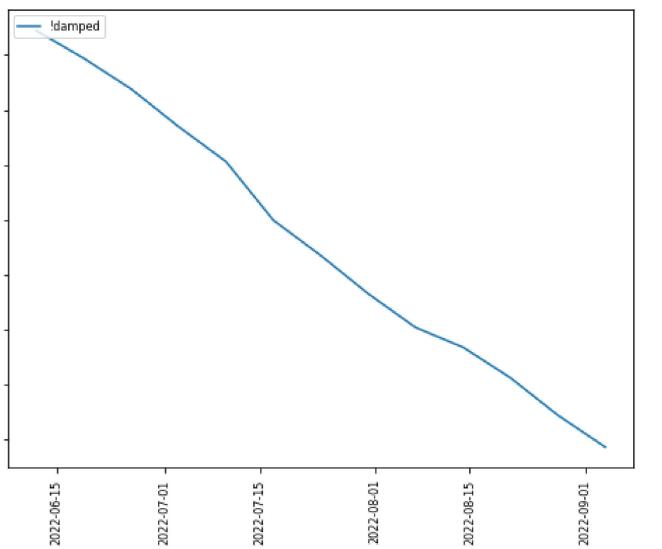
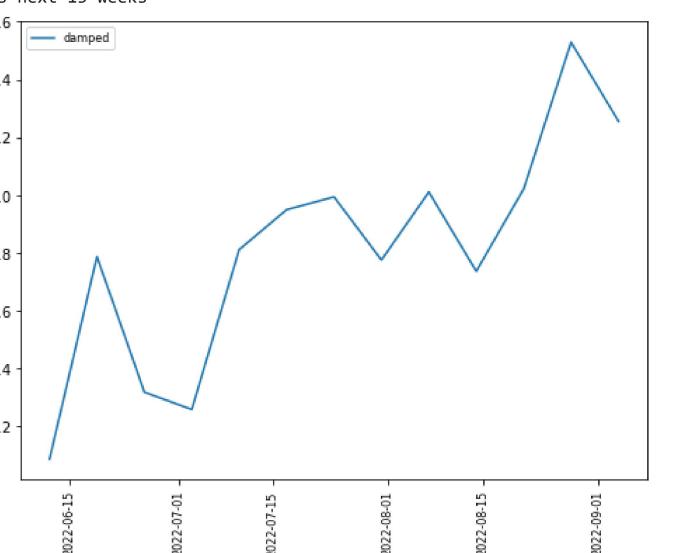
	beta	currentRatio	debtToEquity	dividendRate	dividendYield	ebitda	\
SJI	0.767156	0.669	180.745	1.24	0.0371	563539008	
	ebitdaMargins	forwardPE	freeCashflow	grossMargins	grossProfits	\	
SJI	0.2829	20.39521	-181286880	0.24213	48233000		
	heldPercentInstitutions	industry	marketCap				
SJI	0.85604	Utilities-Diversified	3829979136				
	operatingCashflow	operatingMargins	payoutRatio	pegRatio	priceToBook	\	
SJI	273112992	0.17665	1.9758	3.88	2.094454		
	priceToSalesTrailing12Months	profitMargins	quickRatio	returnOnAssets	\		
SJI	1.922684	0.04422	0.438	0.03142			
	returnOnEquity	revenuePerShare	sector	sharesOutstanding	shortRatio	\	
SJI	0.04828	18.23	Utilities	112448000	3.26		
	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE		
SJI	28754000	0.245	3613896960	1991996032	48.587734		
2022-06-10							

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 33.346404 34.247778 35.149152

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
SJI	1.10309	34.060001	18167782.072617	0.92623	0.165217	0.413386

ets next 13 weeks



27					
	'quarterly_balance_sheet',	2021-12-31	2021-09-30	2021-06-30	\
Intangible Assets	1.404300e+07	1.473100e+07	1.611800e+07		
Capital Surplus	1.559060e+09	1.463655e+09	1.462322e+09		
Total Liab	5.309231e+09	5.187967e+09	4.938285e+09		
Total Stockholder Equity	1.989152e+09	1.828587e+09	1.887399e+09		
Minority Interest	1.028900e+07	7.457000e+06	7.425000e+06		
Deferred Long Term Liab	6.724160e+08	6.694870e+08	6.701760e+08		
Other Current Liab	1.596050e+08	2.273930e+08	1.760970e+08		
Total Assets	7.308672e+09	7.024011e+09	6.833109e+09		
Common Stock	1.466750e+08	1.405610e+08	1.405570e+08		
Other Current Assets	9.504100e+07	1.416900e+08	8.351100e+07		
Retained Earnings	3.104330e+08	2.628420e+08	3.229880e+08		
Other Liab	1.141049e+09	1.165851e+09	1.163466e+09		
Good Will	7.069600e+08	7.069600e+08	7.069600e+08		
Treasury Stock	-2.701600e+07	-3.847100e+07	-3.846800e+07		
Other Assets	9.811060e+08	9.530460e+08	9.168080e+08		
Cash	2.875400e+07	2.541500e+07	8.789900e+07		
Total Current Liabilities	9.556820e+08	8.187800e+08	5.896010e+08		
Short Long Term Debt	6.663900e+07	6.663600e+07	9.155500e+07		
Other Stockholder Equity	-2.672900e+07	-3.819100e+07	-3.820000e+07		
Property Plant Equipment	4.929055e+09	4.741429e+09	4.633664e+09		
Total Current Assets	6.389620e+08	5.716560e+08	5.270180e+08		
Long Term Investments	3.854600e+07	3.618900e+07	3.254100e+07		
Net Tangible Assets	1.268149e+09	1.106896e+09	1.164321e+09		
Net Receivables	3.951240e+08	2.603440e+08	2.495690e+08		
Long Term Debt	3.190808e+09	3.197736e+09	3.182118e+09		
Inventory	6.079700e+07	6.639100e+07	4.158000e+07		
Accounts Payable	3.301640e+08	3.009550e+08	2.261080e+08		
	2021-03-31				
Intangible Assets	1.570100e+07				
Capital Surplus	1.193552e+09				
Total Liab	4.971266e+09				
Total Stockholder Equity	1.737118e+09				
Minority Interest	6.124000e+06				
Deferred Long Term Liab	6.507100e+08				
Other Current Liab	1.368470e+08				
Total Assets	6.714508e+09				
Common Stock	1.282150e+08				
Other Current Assets	3.854100e+07				
Retained Earnings	4.538230e+08				
Other Liab	1.148234e+09				
Good Will	7.069600e+08				
Treasury Stock	-3.847200e+07				
Other Assets	8.649660e+08				
Cash	3.038600e+07				
Total Current Liabilities	7.526990e+08				
Short Long Term Debt	1.433030e+08				
Other Stockholder Equity	-3.820800e+07				
Property Plant Equipment	4.524998e+09				
Total Current Assets	4.889150e+08				
Long Term Investments	1.129680e+08				
Net Tangible Assets	1.014457e+09				
Net Receivables	3.626680e+08				
Long Term Debt	3.067233e+09				
Inventory	2.054900e+07				
Accounts Payable	2.180780e+08]
15					
	'quarterly_cashflow',	2021-12-31	2021-09-30	\	
Net Income	0.0	-2613000.0			
Change To Liabilities	0.0	0.0			
Investments	NaN	-22044000.0			
Total Cashflows From Investing Activities	NaN	-164851000.0			
Net Borrowings	NaN	107800000.0			
Total Cash From Financing Activities	NaN	70091000.0			
Change In Cash	NaN	-62484000.0			
Total Cash From Operating Activities	NaN	32276000.0			
Depreciation	NaN	48089000.0			
Other Cashflows From Investing Activities	NaN	-1418000.0			
Dividends Paid	NaN	-34007000.0			
Other Cashflows From Financing Activities	NaN	-3702000.0			
Change To Netincome	NaN	10317000.0			
Capital Expenditures	NaN	-141378000.0			
Issuance Of Stock	NaN	NaN			
	2021-06-30	2021-03-31			
Net Income	-96828000.0	128598000.0			
Change To Liabilities	0.0	0.0			
Investments	-17530000.0	-196000.0			
Total Cashflows From Investing Activities	-156992000.0	-112328000.0			
Net Borrowings	-84100000.0	-127600000.0			
Total Cash From Financing Activities	169869000.0	-96098000.0			
Change In Cash	56065000.0	-9963000.0			
Total Cash From Operating Activities	43188000.0	198463000.0			
Depreciation	49180000.0	54440000.0			
Other Cashflows From Investing Activities	1968000.0	-6752000.0			
Dividends Paid	-30453000.0	-30453000.0			
Other Cashflows From Financing Activities	-3078000.0	-10770000.0			
Change To Netincome	90836000.0	15425000.0			
Capital Expenditures	-126758000.0	-105380000.0			
Issuance Of Stock	287500000.0	42272000.0]

```

4 ['quarterly_earnings',      Revenue   Earnings
Quarter
1Q2021  674300000  128598000
2Q2021  311828000  -96828000
3Q2021  365631000  -26130000
4Q2021      0        0]
22

```

```

['quarterly_financials',
Research Development      None      None      None
Effect Of Accounting Charges  None      None      None
Income Before Tax          NaN      -37557000.0 -101362000.0
Minority Interest          10289000.0 7457000.0 7425000.0
Net Income                  0.0      -2613000.0 -96828000.0
Selling General Administrative  None      None      None
Gross Profit                0.0      16068000.0 47452000.0
Ebit                         0.0      -8973000.0 11609000.0
Operating Income             NaN      -8973000.0 11609000.0
Other Operating Expenses     NaN      -8040000.0 2812000.0
Interest Expense             NaN      -31468000.0 -31185000.0
Extraordinary Items          None      None      None
Non Recurring               None      None      None
Other Items                  None      None      None
Income Tax Expense           0.0      -11727000.0 -4702000.0
Total Revenue                0.0      365631000.0 311828000.0
Total Operating Expenses     0.0      374604000.0 300219000.0
Cost Of Revenue              0.0      349563000.0 264376000.0
Total Other Income Expense Net 0.0      -28584000.0 -112971000.0
Discontinued Operations      NaN      -127000.0 -80000.0
Net Income From Continuing Ops  NaN      -25830000.0 -96660000.0
Net Income Applicable To Common Shares  NaN      -2613000.0 -96828000.0

```

```

2021-03-31
Research Development      None
Effect Of Accounting Charges  None
Income Before Tax          170567000.0
Minority Interest          6124000.0
Net Income                  128598000.0
Selling General Administrative  None
Gross Profit                232623000.0
Ebit                         196828000.0
Operating Income             196828000.0
Other Operating Expenses     3983000.0
Interest Expense             -31459000.0
Extraordinary Items          None
Non Recurring               None
Other Items                  None
Income Tax Expense           41769000.0
Total Revenue                674300000.0
Total Operating Expenses     477472000.0
Cost Of Revenue              441677000.0
Total Other Income Expense Net -26261000.0
Discontinued Operations      -71000.0
Net Income From Continuing Ops  128798000.0
Net Income Applicable To Common Shares  128598000.0 ]
10

```

```

['mutualfund_holders',
Holder      Shares Date Reported \
0  SPDR (R) Ser Tr- SPDR (R) S&P (R) Dividend ETF 11551756 2022-01-30
1  iShares Core S&P Smallcap ETF 7909776 2022-01-30
2  Vanguard Total Stock Market Index Fund 3185871 2021-12-30
3  Vanguard Small-Cap Index Fund 2832115 2021-12-30
4  iShares Russell 2000 ETF 2351525 2022-01-30
5  SSgA SPDR ETFS Europe I-SPDR S&P US Dividend A... 2037036 2022-02-27
6  SSgA SPDR ETFS Europe I-SPDR S&P U.S. Div Aris... 2037036 2022-02-27
7  iShares S&P Smallcap 600 Value ETF 1870014 2022-01-30
8  Vanguard Small Cap Value Index Fund 1795423 2021-12-30
9  Delaware Group Equity Funds V-Small Cap Value ... 1632000 2022-02-27

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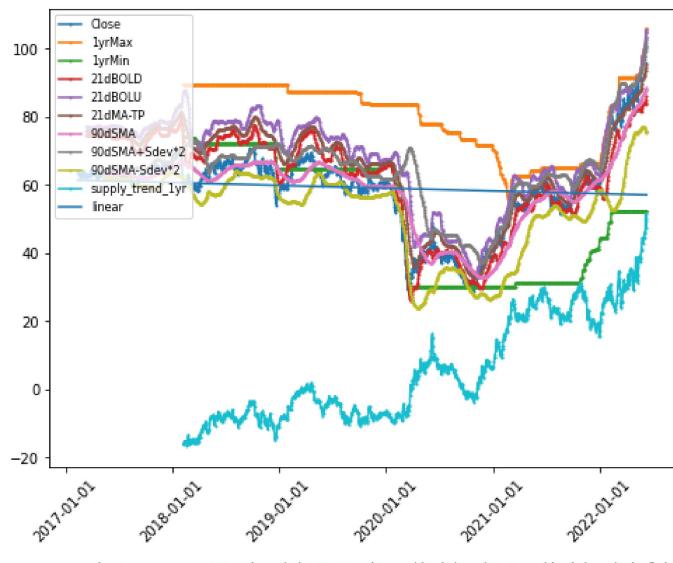
% Out      Value
0  0.0944  289024935
1  0.0646  197902595
2  0.0260  83214950
3  0.0231  73974843
4  0.0192  58835155
5  0.0166  69116631
6  0.0166  69116631
7  0.0153  46787750
8  0.0147  46896448
9  0.0133  55373760 ]
1

```

```

['options', ('2022-07-15',)]
XOM
Index: SP500
Sector: Energy
supply trend: 399482859.5310136
risk trend factor: 3.314307263718105

```



```

beta currentRatio debtToEquity dividendRate dividendYield \
XOM 1.040834 1.072 26.929 3.52 0.0341

earningsGrowth ebitda ebitdaMargins forwardPE freeCashflow \
XOM 1.003 53895000064 0.17427 11.818078 31484874752

grossMargins grossProfits heldPercentInstitutions industry \
XOM 0.31806 90045000000 0.56852 Oil & Gas Integrated

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
XOM 440658558976 53653000192 0.10859 0.5804 0.36

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
XOM 2.603749 1.424839 0.08339 0.739

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
XOM 0.06097 0.1559 0.525 72.369 Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
XOM 4213199872 1.13 11073999872 2.629 47537000448

totalRevenue trailingPE
XOM 309269004288 17.34494
2022-06-10

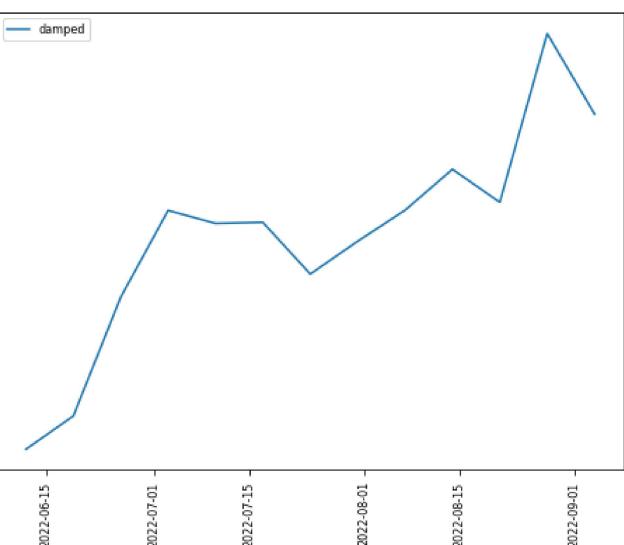
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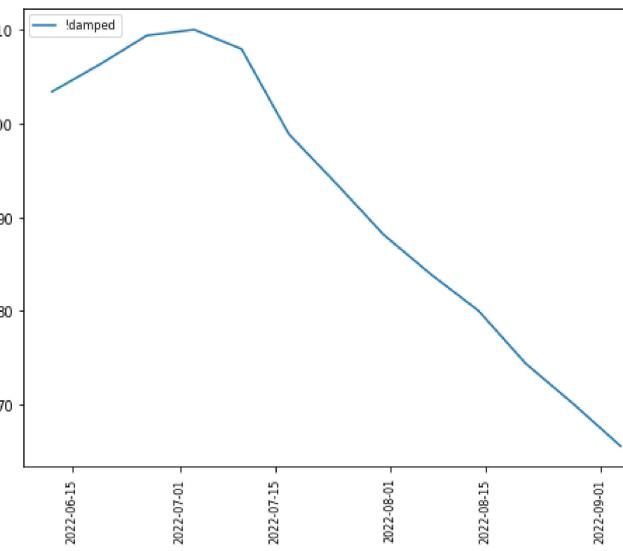
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 85.804488 95.616984 105.42948

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
XOM	1.434399	100.459999	399482859.531014	0.931373	0.977852	0.536671

ets next 13 weeks





```
5 ['options', ('2022-06-17', '2022-07-15', '2023-01-20', '2024-01-19', '2026-02-21')]
27
```

```
['sustainability', Value]
```

```
2022-5
```

```
palmOil False
controversialWeapons False
gambling False
socialScore 9.82
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 66
governanceScore 8.14
environmentPercentile None
animalTesting True
tobacco False
totalEsg 36.46
highestControversy 3
esgPerformance OUT_PERF
coal False
pesticides False
adult False
percentile 81.8
peerGroup Oil & Gas Producers
smallArms False
environmentScore 18.51
governancePercentile None
militaryContract False]
```

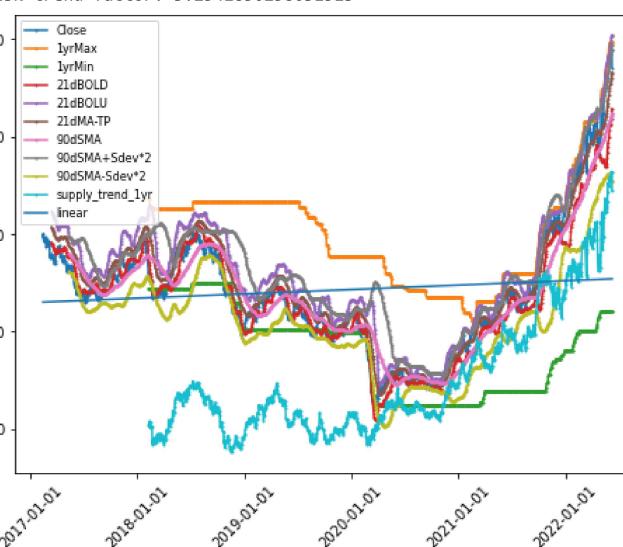
```
DVN
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```
Index: SP500
```

```
Sector: Energy
```

```
supply trend: 181231964.52344933
```

```
risk trend factor: 3.2541850258631513
```



```

beta currentRatio debtToEquity dividendRate dividendYield \
DVN 2.784803      1.376     71.922      5.08      0.0739

ebitda ebitdaMargins forwardPE freeCashflow grossMargins \
DVN 5506999808      0.41984   14.160611    2805625088      0.56522

grossProfits heldPercentInstitutions industry marketCap \
DVN 7414000000      0.86307   Oil & Gas E&P 50138619904

operatingCashflow operatingMargins payoutRatio pegRatio priceToBook \
DVN 4898999808      0.25288     0.4991      0.43      5.618267

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
DVN 3.822415      0.21445     1.207       0.13402

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
DVN 0.45627      2.003      19.784   Energy      6770000000

shortRatio totalCash totalCashPerShare totalDebt totalRevenue \
DVN 1.7      2099000064      3.16      6760000000  13116999680

trailingPE
DVN 36.77259
2022-06-10

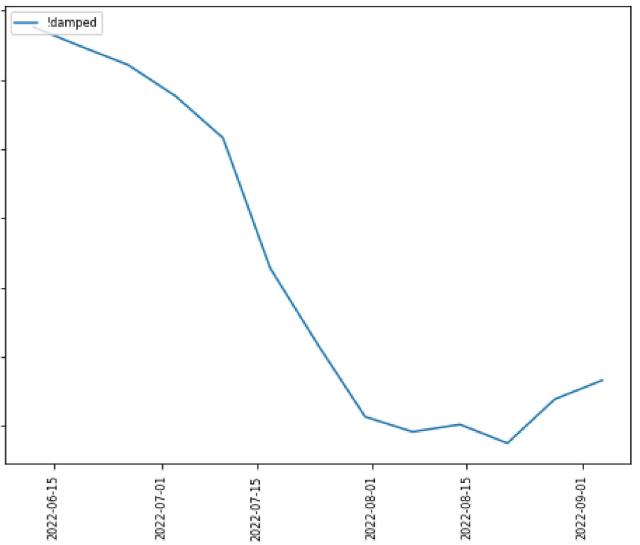
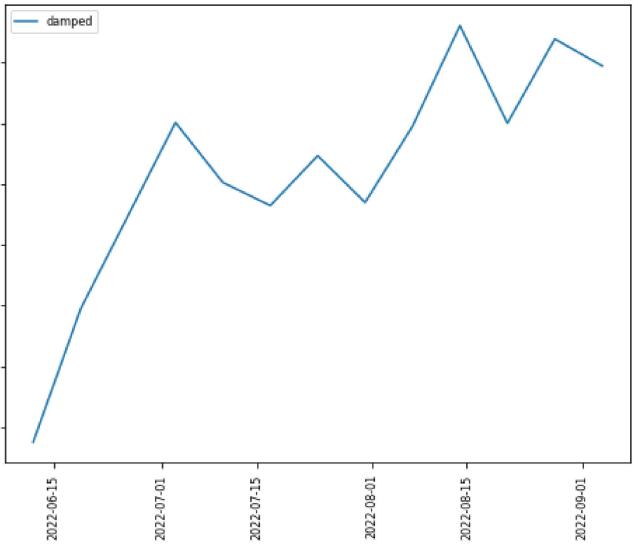
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 65.748411 73.181587 80.614763

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
DVN	1.304951	74.059998	181231964.523449	0.925492	0.994381	0.555599

ets next 13 weeks



25					
		2021-12-31	2021-09-30	2021-06-30	\
['quarterly_balance_sheet',					
Capital Surplus	7.636000e+09	8.206000e+09	8.189000e+09		
Total Liab	1.162600e+10	1.199600e+10	1.153000e+10		
Total Stockholder Equity	9.262000e+09	8.924000e+09	8.399000e+09		
Minority Interest	1.370000e+08	1.370000e+08	1.360000e+08		
Other Current Liab	2.545000e+09	2.940000e+09	2.554000e+09		
Total Assets	2.102500e+10	2.105700e+10	2.006500e+10		
Common Stock	6.600000e+07	6.800000e+07	6.800000e+07		
Other Current Assets	5.240000e+08	4.860000e+08	5.030000e+08		
Retained Earnings	1.692000e+09	7.500000e+08	2.430000e+08		
Other Liab	1.805000e+09	1.743000e+09	1.698000e+09		
Good Will	7.530000e+08	7.530000e+08	7.530000e+08		
Treasury Stock	-1.320000e+08	-1.000000e+08	-1.010000e+08		
Other Assets	3.780000e+08	3.670000e+08	3.970000e+08		
Cash	2.099000e+09	2.144000e+09	1.348000e+09		
Total Current Liabilities	3.087000e+09	3.505000e+09	3.072000e+09		
Deferred Long Term Asset Charges	7.000000e+06	NaN	NaN		
Other Stockholder Equity	-1.320000e+08	-1.000000e+08	-1.010000e+08		
Property Plant Equipment	1.524300e+10	1.532200e+10	1.544100e+10		
Total Current Assets	4.249000e+09	4.227000e+09	3.076000e+09		
Long Term Investments	4.020000e+08	3.880000e+08	3.980000e+08		
Net Tangible Assets	8.509000e+09	8.171000e+09	7.646000e+09		
Net Receivables	1.626000e+09	1.597000e+09	1.225000e+09		
Long Term Debt	6.482000e+09	6.492000e+09	6.502000e+09		
Accounts Payable	5.000000e+08	5.370000e+08	4.870000e+08		
Short Long Term Debt	NaN	NaN	NaN		
	2021-03-31				
Capital Surplus	8.172000e+09				
Total Liab	1.197100e+10				
Total Stockholder Equity	8.353000e+09				
Minority Interest	1.330000e+08				
Other Current Liab	2.124000e+09				
Total Assets	2.045700e+10				
Common Stock	6.700000e+07				
Other Current Assets	5.290000e+08				
Retained Earnings	2.180000e+08				
Other Liab	1.724000e+09				
Good Will	7.530000e+08				
Treasury Stock	-1.040000e+08				
Other Assets	3.060000e+08				
Cash	1.683000e+09				
Total Current Liabilities	2.945000e+09				
Deferred Long Term Asset Charges	NaN				
Other Stockholder Equity	-1.040000e+08				
Property Plant Equipment	1.552900e+10				
Total Current Assets	3.467000e+09				
Long Term Investments	4.020000e+08				
Net Tangible Assets	7.600000e+09				
Net Receivables	1.255000e+09				
Long Term Debt	7.042000e+09				
Accounts Payable	5.640000e+08				
Short Long Term Debt	2.260000e+08]			
17					
		2021-12-31	2021-09-30	\	
['quarterly_cashflow',					
Investments	-1.700000e+07	9.000000e+06			
Change To Liabilities	-1.800000e+07	4.690000e+08			
Total Cashflows From Investing Activities	-5.180000e+08	-4.740000e+08			
Total Cash From Financing Activities	-1.149000e+09	-3.370000e+08			
Change To Operating Activities	-2.200000e+07	-2.900000e+07			
Net Income	1.500000e+09	8.380000e+08			
Change In Cash	-5.000000e+07	7.820000e+08			
Repurchase Of Stock	-5.890000e+08	-3.000000e+06			
Effect Of Exchange Rate	1.000000e+06	-5.000000e+06			
Total Cash From Operating Activities	1.616000e+09	1.598000e+09			
Depreciation	5.850000e+08	5.790000e+08			
Dividends Paid	-7.300000e+07	-7.400000e+07			
Change To Account Receivables	-3.100000e+07	-3.320000e+08			
Other Cashflows From Financing Activities	-6.000000e+06	-5.000000e+06			
Change To Netincome	-4.010000e+08	1.130000e+08			
Capital Expenditures	-5.150000e+08	-4.840000e+08			
Net Borrowings	NaN	NaN			
	2021-06-30	2021-03-31			
Investments	8.000000e+06	1000000.0			
Change To Liabilities	7.200000e+07	1600000.0			
Total Cashflows From Investing Activities	-4.520000e+08	-13000000.0			
Total Cash From Financing Activities	-9.820000e+08	-82400000.0			
Change To Operating Activities	-7.600000e+07	-9500000.0			
Net Income	2.560000e+08	21300000.0			
Change In Cash	-3.390000e+08	-35900000.0			
Repurchase Of Stock	-9.000000e+06	-3300000.0			
Effect Of Exchange Rate	2.000000e+06	3000000.0			
Total Cash From Operating Activities	1.093000e+09	59200000.0			
Depreciation	5.360000e+08	48100000.0			
Dividends Paid	-7.500000e+07	-12800000.0			
Change To Account Receivables	-1.000000e+08	-6300000.0			
Other Cashflows From Financing Activities	-2.000000e+06	-2800000.0			
Change To Netincome	2.840000e+08	2500000.0			
Capital Expenditures	-5.090000e+08	-499000000.0			
Net Borrowings	-7.420000e+08	-56000000.0]		

```

4 ['quarterly_earnings',           Revenue   Earnings
Quarter
1Q2021  2461000000  213000000
2Q2021  2977000000  256000000
3Q2021  3625000000  838000000
4Q2021  4054000000  1506000000]
22

```

```

['quarterly_financials',          2021-12-31  2021-09-30 \
Research Development            None      None
Effect Of Accounting Charges    None      None
Income Before Tax               1662000000.0  964000000.0
Minority Interest                137000000.0  137000000.0
Net Income                      1506000000.0  838000000.0
Selling General Administrative  95000000.0   95000000.0
Gross Profit                     2380000000.0  2080000000.0
Ebit                            1727000000.0  1068000000.0
Operating Income                 1727000000.0  1068000000.0
Other Operating Expenses         -24000000.0   344000000.0
Interest Expense                 -92000000.0   -93000000.0
Extraordinary Items             None      None
Non Recurring                   None      None
Other Items                      None      None
Income Tax Expense               150000000.0   120000000.0
Total Revenue                    4054000000.0  3625000000.0
Total Operating Expenses        2327000000.0  2557000000.0
Cost Of Revenue                  1674000000.0  1537000000.0
Total Other Income Expense Net  -65000000.0   -104000000.0
Discontinued Operations          None      None
Net Income From Continuing Ops  1512000000.0  844000000.0
Net Income Applicable To Common Shares 1487000000.0  832000000.0

```

```

2021-06-30  2021-03-31
Research Development            None      None
Effect Of Accounting Charges    None      None
Income Before Tax               304000000.0  -32000000.0
Minority Interest                136000000.0  133000000.0
Net Income                      256000000.0  213000000.0
Selling General Administrative  94000000.0   107000000.0
Gross Profit                     1655000000.0  1291000000.0
Ebit                            320000000.0   202000000.0
Operating Income                 320000000.0   202000000.0
Other Operating Expenses         702000000.0   512000000.0
Interest Expense                 -98000000.0   -105000000.0
Extraordinary Items             None      None
Non Recurring                   None      None
Other Items                      None      None
Income Tax Expense               43000000.0   -248000000.0
Total Revenue                    2977000000.0  2461000000.0
Total Operating Expenses        2657000000.0  2259000000.0
Cost Of Revenue                  1322000000.0  1170000000.0
Total Other Income Expense Net  -16000000.0   -234000000.0
Discontinued Operations          None      None
Net Income From Continuing Ops  261000000.0   216000000.0
Net Income Applicable To Common Shares 253000000.0  211000000.0 ]

```

```

10 ['mutualfund_holders',          Holder    Shares Date Reported \
0      Vanguard Total Stock Market Index Fund 19232335  2021-12-30
1      Select Sector SPDR Fund-Energy Select 18515332  2022-01-30
2      Vanguard Mid-Cap Index Fund 15295295  2021-12-30
3      Vanguard 500 Index Fund 13333264  2021-12-30
4      Undiscovered Managers Behavioral Value Fund 7254904  2021-12-30
5      SPDR S&P 500 ETF Trust 6678214  2022-01-30
6      Fidelity 500 Index Fund 6447707  2022-02-27
7      iShares Core S&P 500 ETF 5236340  2022-01-30
8      Vanguard Index-Value Index Fund 5169015  2021-12-30
9      Victory Portfolios-Sycamore Established Value ... 5050000  2022-01-30

```

```

% Out      Value
0 0.0291  847184356
1 0.0281  936320339
2 0.0232  673757744
3 0.0202  587338279
4 0.0110  319578521
5 0.0101  337717281
6 0.0098  383960951
7 0.0079  264801713
8 0.0078  227695110
9 0.0077  255378500 ]
3

```

```

['options', ('2022-07-15', '2023-01-20', '2024-01-19')]
27
['sustainability',               Value
2022-5
palmOil                         False
controversialWeapons             False
gambling                         False
socialScore                      8.78
nuclear                          False
furLeather                       False
alcoholic                        False
gmo                             False

```

```

catholic          False
socialPercentile 0
peerCount         66
governanceScore  7.86
environmentPercentile 0
animalTesting     False
tobacco           False
totalEsg          34.39
highestControversy 2
esgPerformance   LEAD_PERF
coal              False
pesticides        False
adult              False
percentile        76.03
peerGroup         Oil & Gas Producers
smallArms          False
environmentScore  17.75
governancePercentile 0
militaryContract  False]
MRO

```

Index: SP500
Sector: Energy
supply trend: 385905130.6354009
risk trend factor: 3.229066300641798



```

beta currentRatio debtToEquity dividendRate dividendYield \
MRO 2.766666    1.112      38.48      0.32      0.0119

ebitda ebitdaMargins forwardPE freeCashflow grossMargins \
MRO 3308999936    0.58921    15.454082    1785500032    0.77546

grossProfits heldPercentInstitutions industry marketCap \
MRO 4355000000    0.802      Oil & Gas E&P 23581886464

operatingCashflow operatingMargins payoutRatio pegRatio priceToBook \
MRO 3239000064    0.20495    0.0769      0.59      2.213696

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
MRO 4.199054      0.16845    1.052       0.04117

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
MRO 0.08905      1.091      7.136      Energy    778537024

shortRatio totalCash totalCashPerShare totalDebt totalRevenue
MRO 0.93      580000000    0.794      4112000000    5616000000
2022-06-10

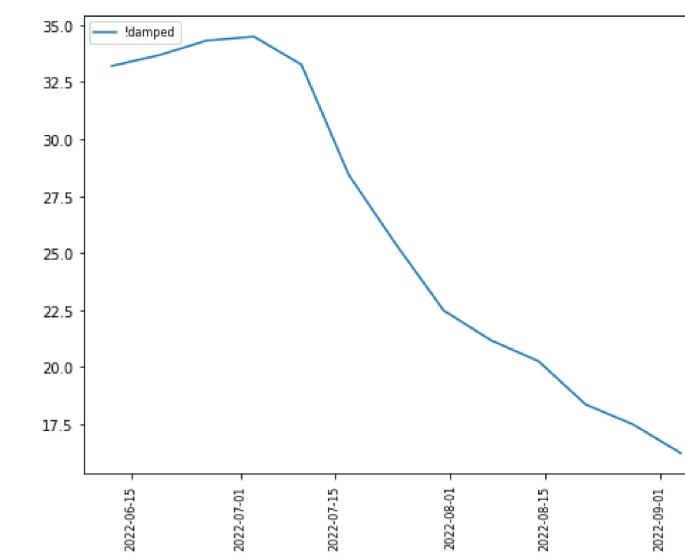
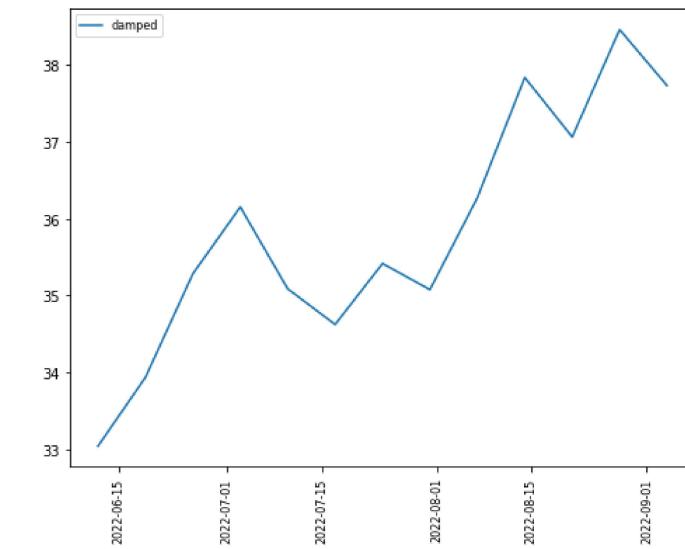
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21dBOLD 21dMA-TP 21dBOLU

2022-06-10 25.156063 29.418428 33.680793

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MRO	1.127529	30.290001	385905130.635401	0.900034	0.972772	0.54597

ets next 13 weeks



23
['quarterly_balance_sheet', 2021-12-31 2021-09-30 2021-06-30]
Capital Surplus 7.221000e+09 7.213000e+09 7.201000e+09
Total Liab 6.308000e+09 6.365000e+09 7.166000e+09
Total Stockholder Equity 1.068600e+10 1.079600e+10 1.063400e+10
Other Current Liab 3.680000e+08 4.960000e+08 5.020000e+08
Total Assets 1.699400e+10 1.716100e+10 1.780000e+10
Common Stock 9.370000e+08 9.370000e+08 9.370000e+08
Other Current Assets 2.200000e+07 2.500000e+07 1.900000e+07
Retained Earnings 7.271000e+09 6.669000e+09 6.524000e+09
Other Liab 6.440000e+08 6.420000e+08 6.650000e+08
Treasury Stock -4.743000e+09 -4.023000e+09 -4.028000e+09
Other Assets 1.100000e+08 1.040000e+08 9.300000e+07
Cash 5.800000e+08 4.850000e+08 9.700000e+08
Total Current Liabilities 1.637000e+09 1.676000e+09 1.575000e+09
Short Long Term Debt 3.900000e+07 3.900000e+07 3.500000e+07
Other Stockholder Equity 8.200000e+07 8.200000e+07 7.700000e+07
Property Plant Equipment 1.458600e+10 1.484300e+10 1.511100e+10
Total Current Assets 1.821000e+09 1.655000e+09 2.075000e+09
Long Term Investments 4.770000e+08 5.590000e+08 5.210000e+08
Net Tangible Assets 1.068600e+10 1.079600e+10 1.063400e+10
Net Receivables 1.142000e+09 1.068000e+09 1.008000e+09
Long Term Debt 3.980000e+09 3.983000e+09 4.882000e+09
Inventory 7.700000e+07 7.700000e+07 7.800000e+07
Accounts Payable 1.110000e+09 1.028000e+09 9.370000e+08

2021-03-31
Capital Surplus 7.195000e+09
Total Liab 7.562000e+09
Total Stockholder Equity 1.067100e+10
Other Current Liab 3.810000e+08
Total Assets 1.823300e+10
Common Stock 9.370000e+08
Other Current Assets 2.600000e+07
Retained Earnings 6.540000e+09
Other Liab 6.950000e+08
Treasury Stock -4.001000e+09
Other Assets 9.600000e+07
Cash 1.125000e+09
Total Current Liabilities 1.899000e+09
Short Long Term Debt 5.010000e+08
Other Stockholder Equity 1.120000e+08
Property Plant Equipment 1.542500e+10
Total Current Assets 2.150000e+09
Long Term Investments 5.620000e+08
Net Tangible Assets 1.067100e+10
Net Receivables 9.210000e+08
Long Term Debt 4.910000e+09
Inventory 7.800000e+07
Accounts Payable 9.180000e+08]

18
['quarterly_cashflow', 2021-12-31 2021-09-30]
Investments 4.600000e+07 9.000000e+06
Change To Liabilities 1.410000e+08 1.070000e+08
Total Cashflows From Investing Activities -2.820000e+08 -2.650000e+08
Total Cash From Financing Activities -7.690000e+08 -1.036000e+09
Change To Operating Activities -2.000000e+07 -7.000000e+06
Net Income 6.490000e+08 1.840000e+08
Change In Cash 9.500000e+07 -4.850000e+08
Repurchase Of Stock -7.240000e+08 -1.000000e+06
Total Cash From Operating Activities 1.146000e+09 8.160000e+08
Depreciation 4.630000e+08 5.830000e+08
Dividends Paid -4.700000e+07 -3.900000e+07
Change To Account Receivables -7.600000e+07 -6.000000e+07
Other Cashflows From Financing Activities 2.000000e+06 -9.600000e+07
Change To Netincome -1.100000e+07 8.000000e+06
Capital Expenditures -2.740000e+08 -2.890000e+08
Net Borrowings NaN -9.000000e+08
Other Cashflows From Investing Activities NaN 1.000000e+06
Change To Inventory NaN 1.000000e+06

2021-06-30 2021-03-31
Investments 6000000.0 6000000.0
Change To Liabilities 2000000.0 10100000.0
Total Cashflows From Investing Activities -256000000.0 -207000000.0
Total Cash From Financing Activities -554000000.0 -32000000.0
Change To Operating Activities 12000000.0 61000000.0
Net Income 16000000.0 97000000.0
Change In Cash -155000000.0 383000000.0
Repurchase Of Stock -1000000.0 -9000000.0
Total Cash From Operating Activities 655000000.0 622000000.0
Depreciation 60000000.0 51200000.0
Dividends Paid -32000000.0 -23000000.0
Change To Account Receivables -78000000.0 -175000000.0
Other Cashflows From Financing Activities -22000000.0 -22000000.0
Change To Netincome 85000000.0 28000000.0
Capital Expenditures -274000000.0 -209000000.0
Net Borrowings -500000000.0 -500000000.0
Other Cashflows From Investing Activities 1000000.0 -1000000.0
Change To Inventory 1000000.0 -2000000.0]

4
['quarterly_earnings', Revenue Earnings]

Quarter
1Q2021 1180000000 97000000
2Q2021 1259000000 16000000
3Q2021 1439000000 184000000
4Q2021 1738000000 649000000]

22

['quarterly_financials' ,
Research Development None None
Effect Of Accounting Charges None None
Income Before Tax 683000000.0 188000000.0
Minority Interest None None
Net Income 649000000.0 184000000.0
Selling General Administrative 61000000.0 70000000.0
Gross Profit 1393000000.0 1089000000.0
Ebit 755000000.0 254000000.0
Operating Income 755000000.0 254000000.0
Other Operating Expenses 94000000.0 167000000.0
Interest Expense -74000000.0 -57000000.0
Extraordinary Items None None
Non Recurring None None
Other Items None None
Income Tax Expense 34000000.0 4000000.0
Total Revenue 1738000000.0 1439000000.0
Total Operating Expenses 983000000.0 1185000000.0
Cost Of Revenue 345000000.0 350000000.0
Total Other Income Expense Net -72000000.0 -66000000.0
Discontinued Operations None None
Net Income From Continuing Ops 649000000.0 184000000.0
Net Income Applicable To Common Shares 649000000.0 184000000.0

2021-06-30 2021-03-31

Research Development None None
Effect Of Accounting Charges None None
Income Before Tax 26000000.0 107000000.0
Minority Interest None None
Net Income 16000000.0 97000000.0
Selling General Administrative 69000000.0 75000000.0
Gross Profit 966000000.0 907000000.0
Ebit 54000000.0 87000000.0
Operating Income 54000000.0 87000000.0
Other Operating Expenses 240000000.0 227000000.0
Interest Expense -59000000.0 -13000000.0
Extraordinary Items None None
Non Recurring None None
Other Items None None
Income Tax Expense 10000000.0 10000000.0
Total Revenue 1259000000.0 1180000000.0
Total Operating Expenses 1205000000.0 1093000000.0
Cost Of Revenue 293000000.0 273000000.0
Total Other Income Expense Net -28000000.0 20000000.0
Discontinued Operations None None
Net Income From Continuing Ops 16000000.0 97000000.0
Net Income Applicable To Common Shares 16000000.0 97000000.0]

10

['mutualfund_holders' ,
Holder Shares Date Reported % Out \ 0 Vanguard/Windsor II 26018487 2022-01-30 0.0368
1 Select Sector SPDR Fund-Energy Select 22895120 2022-01-30 0.0324
2 Vanguard Total Stock Market Index Fund 22131478 2021-12-30 0.0313
3 Vanguard Small-Cap Index Fund 19611815 2021-12-30 0.0277
4 Vanguard 500 Index Fund 16486851 2021-12-30 0.0233
5 Vanguard Small Cap Value Index Fund 12430773 2021-12-30 0.0176
6 Fidelity Low-Priced Stock Fund 12282677 2022-02-27 0.0174
7 SPDR S&P 500 ETF Trust 8364080 2022-01-30 0.0118
8 Fidelity 500 Index Fund 7972838 2022-02-27 0.0113
9 Invesco Comstock Fd 7808667 2022-01-30 0.0110

Value

0 506579941
1 445767986
2 363398868
3 322026002
4 270714093
5 204113292
6 277097193
7 162848637
8 179867225
9 152034746]

4

['options' , ('2022-07-15' , '2022-09-16' , '2023-01-20' , '2024-01-19')]

27

['sustainability' , Value

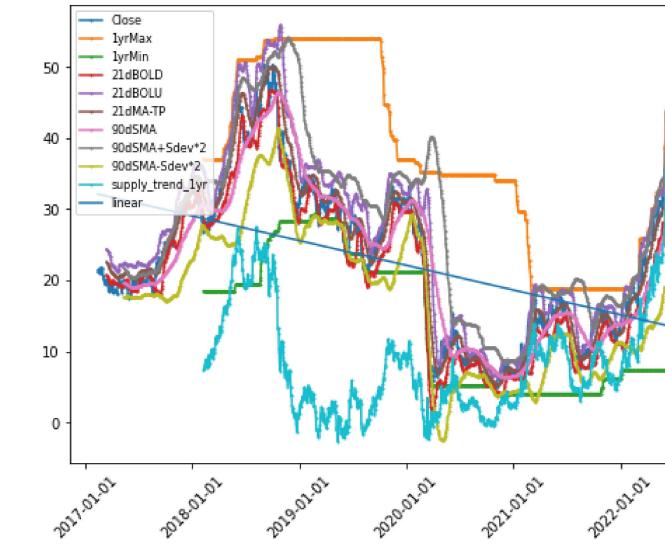
2022-5

palmOil False
controversialWeapons False
gambling False
socialScore 10.01
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile 0

```

peerCount          66
governanceScore   8.13
environmentPercentile 0
animalTesting      False
tobacco            False
totalEsg           42.05
highestControversy 2
esgPerformance    None
coal               False
pesticides         False
adult              False
percentile         90.8
peerGroup          Oil & Gas Producers
smallArms          False
environmentScore   23.91
governancePercentile 0
militaryContract   False]
PBF
Index: SP600
Sector: Energy
supply trend: 65359710.136157334
risk trend factor: 3.225693266030666

```



```

beta currentRatio debtToEquity ebitda ebitdaMargins forwardPE \
PBF 2.259981 1.254 197.914 690400000 0.02194 14.665455

```

```

freeCashflow grossMargins grossProfits heldPercentInstitutions \
PBF 284750016 0.0362 671100000 0.80126

```

```

industry marketCap operatingCashflow \
PBF Oil & Gas Refining & Marketing 4872993280 803299968

```

```

operatingMargins payoutRatio pegRatio priceToBook \
PBF 0.0135 0 -0.19 2.545604

```

```

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
PBF 0.154844 0.00798 0.629 0.02192

```

```

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
PBF 0.14223 0.856 261.505 Energy 120828000

```

```

shortRatio totalCash totalCashPerShare totalDebt totalRevenue \
PBF 2.81 1434599936 11.873 4999499776 31470299136

```

```

trailingPE
PBF 19.549202
2022-06-10

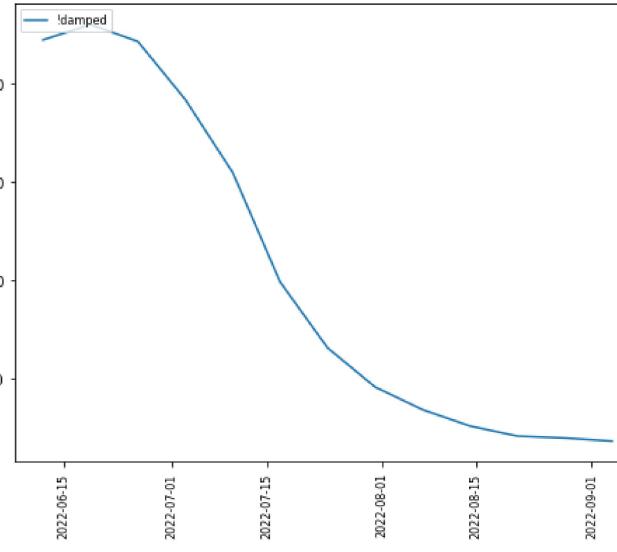
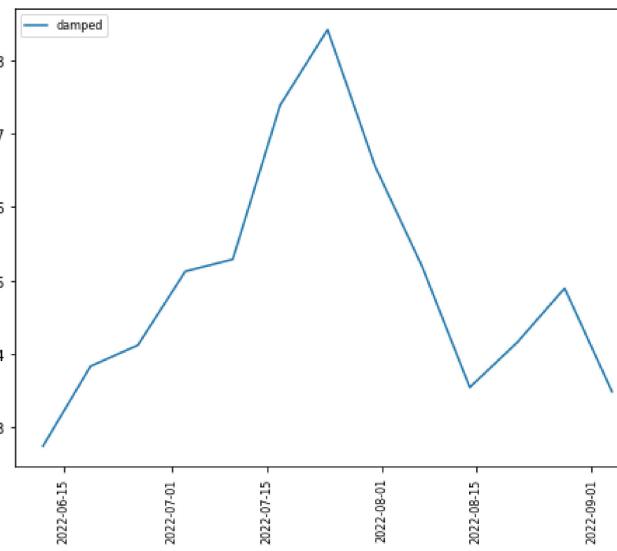
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 24.95881 34.143016 43.327222

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
PBF	1.018074	40.330002	65359710.136157	0.905392	0.730477	0.555776

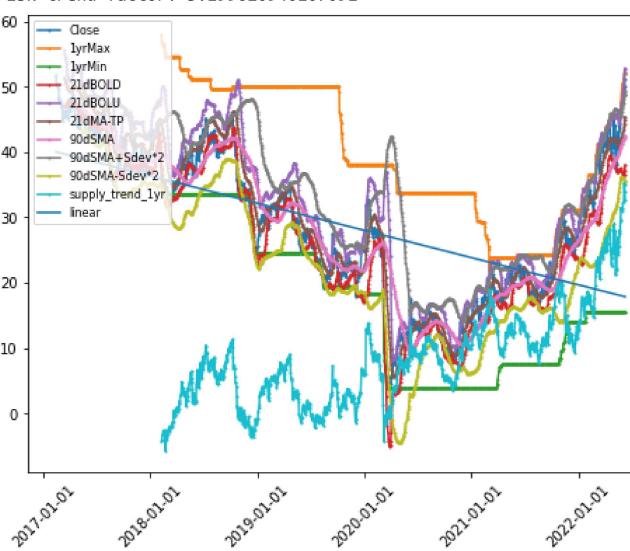
ets next 13 weeks



```

5
['options', ('2022-06-17', '2022-07-15', '2022-12-16', '2023-01-20', '2024-01-19')]
APA
Index: SP500
Sector: Energy
supply trend: 154170566.9440242
risk trend factor: 3.199620940107091

```



```

beta currentRatio debtToEquity dividendRate dividendYield \
APA 4.125226      1.227    704.108      0.5      0.0098

earningsGrowth     ebitda ebitdaMargins forwardPE freeCashflow \
APA   4.324    4982000128    0.56569    5.04757  2424875008

grossMargins grossProfits heldPercentInstitutions      industry \
APA   0.67015    5080000000    0.87511  Oil & Gas E&P

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
APA 16509104128      3716000000    0.40218    0.0339    0.19

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
APA   1.874543    0.28023    0.882      0.17293

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
APA   4.69732    0.405      24.063 Energy      338232000

shortRatio totalCash totalCashPerShare totalDebt totalRevenue \
APA     1  234000000    0.692  5999000064  8807000064

```

trailingPE

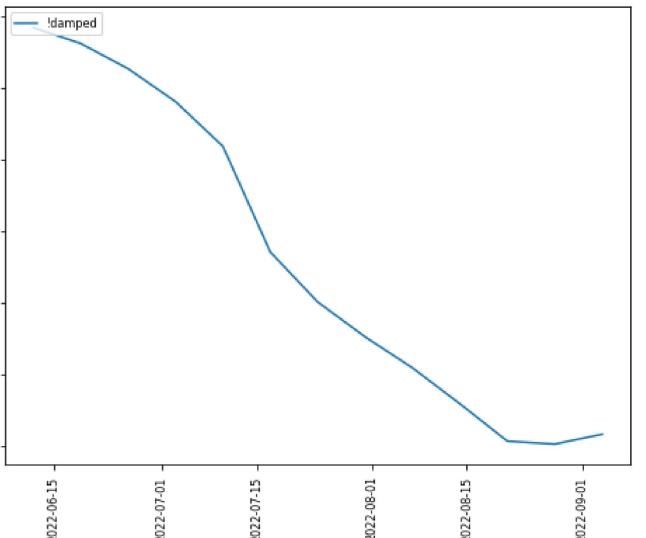
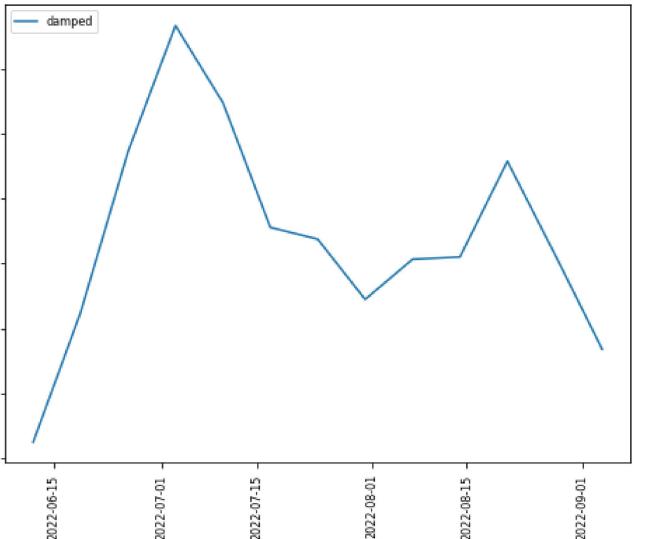
APA 7.255835
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 37.987556 45.39127 52.794983

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
APA	1.279846	48.810001	154170566.944024	0.929438	0.443494	0.44772

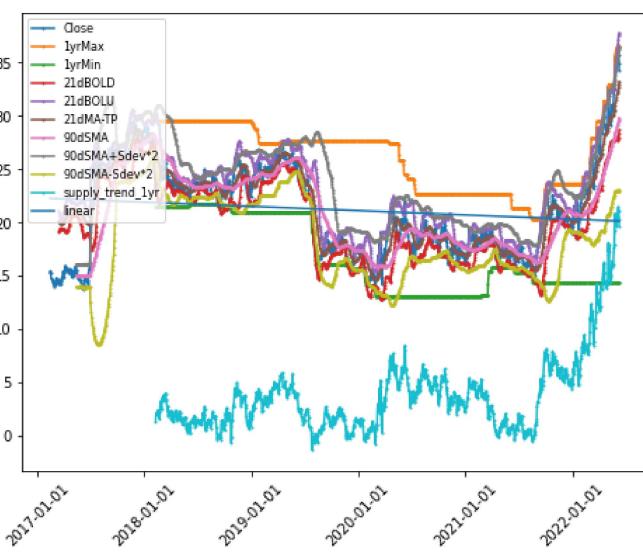
ets next 13 weeks



```

3
['options', ('2022-07-15', '2023-01-20', '2024-01-19')]
27
['sustainability', Value
2021-3
palmOil False
controversialWeapons False
gambling False
socialScore 8.88
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 71
governanceScore 7.96
environmentPercentile None
animalTesting False
tobacco False
totalEsg 38.81
highestControversy 2
esgPerformance OUT_PERF
coal False
pesticides False
adult False
percentile 82.83
peerGroup Oil & Gas Producers
smallArms False
environmentScore 21.98
governancePercentile None
militaryContract False]
CTRA
Index: SP500
Sector: Energy
supply trend: 150668871.709531
risk trend factor: 3.1929469250530653

```



```

beta currentRatio debtToEquity dividendRate dividendYield \
CTRA -0.189215 1.751 29.377 0.6 0.0201

earningsGrowth ebitda ebitdaMargins forwardPE freeCashflow \
CTRA 2.487 2364999936 0.64441 9.610645 1148249984

grossMargins grossProfits heldPercentInstitutions industry \
CTRA 0.77684 2851000000 0.94558 Oil & Gas E&P

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
CTRA 27913861120 1667000064 0.45559 0.182 0.09

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
CTRA 5.895189 7.605957 0.31553 1.699

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
CTRA 0.08557 0.16538 4.191 7.296 Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
CTRA 813577984 3.2 1036000000 1.273 3463000064

totalRevenue trailingPE
CTRA 3670000128 39.032993
2022-06-10

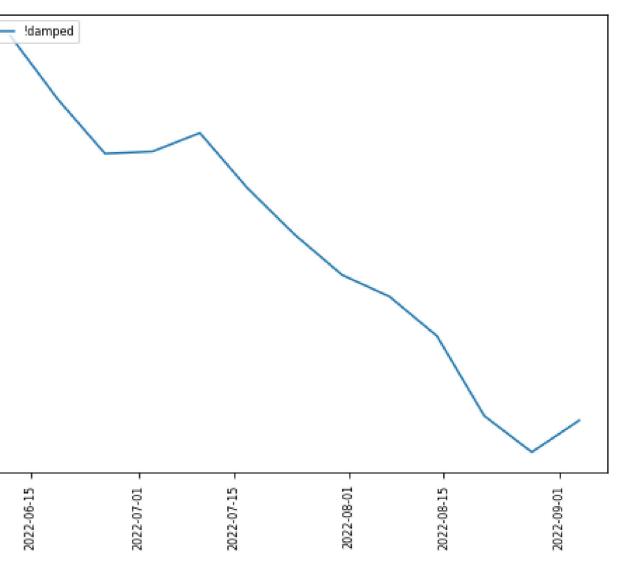
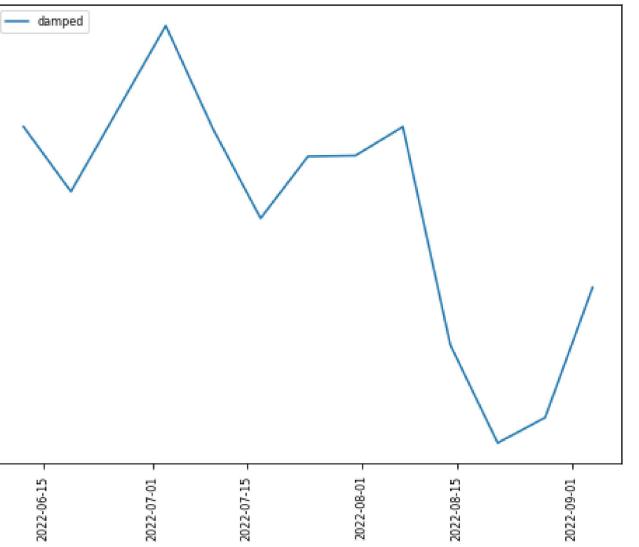
21dBOLD 21dMA-TP 21dBOLU

```

2022-06-10 28.660914 33.218095 37.775277

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
CTRA	1.337181	34.310001	150668871.709531	0.899416	0.507048	0.467954

ets next 13 weeks



23					
	'quarterly_balance_sheet',		2021-12-31	2021-09-30	2021-06-30 \
	Capital Surplus	1.091100e+10	1.823373e+09	1.815770e+09	
	Total Liab	8.112000e+09	2.404585e+09	2.310672e+09	
	Total Stockholder Equity	1.173800e+10	2.326112e+09	2.299895e+09	
	Deferred Long Term Liab	5.000000e+06	5.329000e+06	5.844000e+06	
	Other Current Liab	1.880000e+08	2.128940e+08	7.719900e+07	
	Total Assets	1.990000e+10	4.730697e+09	4.610567e+09	
	Common Stock	8.900000e+07	4.786200e+07	4.786200e+07	
	Other Current Assets	2.400000e+07	1.323500e+07	1.540000e+07	
	Retained Earnings	2.563000e+09	2.276071e+09	2.257320e+09	
	Other Liab	3.512000e+09	9.650310e+08	9.577370e+08	
	Treasury Stock	-1.825000e+09	-1.821194e+09	-1.821057e+09	
	Other Assets	7.200000e+07	3.109900e+07	3.170800e+07	
	Cash	1.036000e+09	7.627000e+07	1.581470e+08	
	Total Current Liabilities	1.220000e+09	4.660100e+08	3.786840e+08	
	Other Stockholder Equity	1.000000e+06	2.007000e+06	2.144000e+06	
	Property Plant Equipment	1.769200e+10	4.256875e+09	4.182793e+09	
	Total Current Assets	2.136000e+09	4.427230e+08	3.960660e+08	
	Net Tangible Assets	1.173800e+10	2.326112e+09	2.299895e+09	
	Net Receivables	1.037000e+09	3.404370e+08	2.051240e+08	
	Long Term Debt	3.125000e+09	9.465090e+08	9.463160e+08	
	Inventory	3.900000e+07	1.278100e+07	1.739500e+07	
	Accounts Payable	7.470000e+08	2.271920e+08	1.662560e+08	
	Short Long Term Debt	Nan	Nan	1.000000e+08	
		2021-03-31			
	Capital Surplus	1.808232e+09			
	Total Liab	2.244882e+09			
	Total Stockholder Equity	2.305970e+09			
	Deferred Long Term Liab	6.360000e+06			
	Other Current Liab	1.989500e+07			
	Total Assets	4.550852e+09			
	Common Stock	4.783800e+07			
	Other Current Assets	2.198400e+07			
	Retained Earnings	2.270819e+09			
	Other Liab	9.549700e+08			
	Treasury Stock	-1.820919e+09			
	Other Assets	3.078400e+07			
	Cash	1.736590e+08			
	Total Current Liabilities	3.150920e+08			
	Other Stockholder Equity	2.282000e+06			
	Property Plant Equipment	4.108153e+09			
	Total Current Assets	4.119150e+08			
	Net Tangible Assets	2.305970e+09			
	Net Receivables	2.004020e+08			
	Long Term Debt	9.461230e+08			
	Inventory	1.587000e+07			
	Accounts Payable	1.691010e+08			
	Short Long Term Debt	1.000000e+08]
16					
	'quarterly_cashflow',		2021-12-31	2021-09-30	\
	Change To Liabilities	-17390000.0	76262000.0		
	Total Cashflows From Investing Activities	771721000.0	-183894000.0		
	Net Borrowings	-2000000.0	-10000000.0		
	Total Cash From Financing Activities	-764618000.0	-143963000.0		
	Change To Operating Activities	17176000.0	-9218000.0		
	Net Income	938468000.0	62714000.0		
	Change In Cash	959440000.0	-82663000.0		
	Repurchase Of Stock	-108431000.0	-108431000.0		
	Total Cash From Operating Activities	952337000.0	245194000.0		
	Depreciation	410014000.0	97289000.0		
	Dividends Paid	-652187000.0	-43963000.0		
	Change To Inventory	2511000.0	4614000.0		
	Change To Account Receivables	-159015000.0	-102009000.0		
	Other Cashflows From Financing Activities	-2000000.0	-2000000.0		
	Change To Netincome	-320852000.0	148138000.0		
	Capital Expenditures	-268960000.0	-184101000.0		
		2021-06-30	2021-03-31		
	Change To Liabilities	-15297000.0	3425000.0		
	Total Cashflows From Investing Activities	-151302000.0	-123525000.0		
	Net Borrowings	-10000000.0	-88000000.0		
	Total Cash From Financing Activities	-43963000.0	-133456000.0		
	Change To Operating Activities	4956000.0	-13914000.0		
	Net Income	30464000.0	126354000.0		
	Change In Cash	-16323000.0	33546000.0		
	Repurchase Of Stock	-108431000.0	-5569000.0		
	Total Cash From Operating Activities	178942000.0	290527000.0		
	Depreciation	91549000.0	94148000.0		
	Dividends Paid	-43963000.0	-39887000.0		
	Change To Inventory	-1525000.0	-600000.0		
	Change To Account Receivables	15143000.0	16881000.0		
	Other Cashflows From Financing Activities	-2000000.0	-2000000.0		
	Change To Netincome	92703000.0	40011000.0		
	Capital Expenditures	-151322000.0	-123617000.0]	
4					
	'quarterly_earnings',	Revenue	Earnings		
	Quarter				
	1Q2021	472918000	126354000		
	2Q2021	411788000	30464000		
	3Q2021	641678000	62714000		

4Q2021 2143616000 938468000]

22

[**'quarterly_financials'**,

	2021-12-31	2021-09-30	\
Research Development	None	None	
Effect Of Accounting Charges	None	None	
Income Before Tax	1214465000.0	83216000.0	
Minority Interest	None	None	
Net Income	938468000.0	62714000.0	
Selling General Administrative	95410000.0	24998000.0	
Gross Profit	1797984000.0	471530000.0	
Ebit	1298389000.0	135756000.0	
Operating Income	1298389000.0	135756000.0	
Other Operating Expenses	-14836000.0	209489000.0	
Interest Expense	-24488000.0	-12577000.0	
Extraordinary Items	None	None	
Non Recurring	None	None	
Other Items	None	None	
Income Tax Expense	275997000.0	20502000.0	
Total Revenue	2143616000.0	641678000.0	
Total Operating Expenses	845227000.0	505922000.0	
Cost Of Revenue	345632000.0	170148000.0	
Total Other Income Expense Net	-83924000.0	-52540000.0	
Discontinued Operations	None	None	
Net Income From Continuing Ops	938468000.0	62714000.0	
Net Income Applicable To Common Shares	935468000.0	62714000.0	

2021-06-30 2021-03-31

Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	41304000.0	163015000.0
Minority Interest	None	None
Net Income	30464000.0	126354000.0
Selling General Administrative	16837000.0	26755000.0
Gross Profit	262146000.0	319340000.0
Ebit	60088000.0	177767000.0
Operating Income	60088000.0	177767000.0
Other Operating Expenses	91384000.0	18043000.0
Interest Expense	-12558000.0	-12377000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	10840000.0	36661000.0
Total Revenue	411788000.0	472918000.0
Total Operating Expenses	351700000.0	295151000.0
Cost Of Revenue	149642000.0	153578000.0
Total Other Income Expense Net	-18784000.0	-14752000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	30464000.0	126354000.0
Net Income Applicable To Common Shares	30464000.0	126354000.0

10

[**'mutualfund_holders'**,

	Holder	Shares	Date Reported	\
0	Select Sector SPDR Fund-Energy Select	23925372	2022-01-30	
1	Vanguard Total Stock Market Index Fund	23123140	2021-12-30	
2	Vanguard Small-Cap Index Fund	20493160	2021-12-30	
3	Vanguard 500 Index Fund	17229139	2021-12-30	
4	Washington Mutual Investors Fund	16985001	2022-01-30	
5	Vanguard Fenway Funds-Equity Income Fund	16267453	2021-12-30	
6	Income Fund of America Inc	13333912	2022-01-30	
7	Vanguard Small-Cap Growth Index Fund	12758989	2021-12-30	
8	Victory Portfolios-Sycamore Established Value ...	12049383	2022-01-30	
9	Fundamental Investors Inc	11357657	2021-12-30	

% Out Value

0	0.0297	523965646
1	0.0287	439339660
2	0.0254	389370040
3	0.0214	327353641
4	0.0211	371971521
5	0.0202	309081607
6	0.0165	292012672
7	0.0158	242420791
8	0.0150	263881487
9	0.0141	215795483

4

[**'options'**, ('2022-07-15', '2022-09-16', '2023-01-20', '2024-01-19')]

27

[**'sustainability'**,

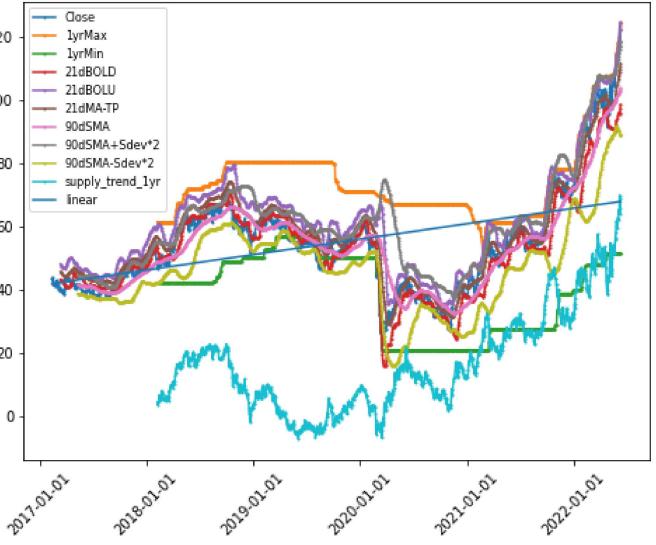
2022-5	Value
palmOil	False
controversialWeapons	False
gambling	False
socialsScore	14.01
nuclear	False
furLeather	False
alcoholic	False
gmo	False
catholic	False
socialPercentile	0
peerCount	66
governanceScore	9.28
environmentPercentile	0
animalTesting	False

```

tobacco          False
totalEsg         46.68
highestControversy 2
esgPerformance  None
coal             False
pesticides       False
adult            False
percentile      95.93
peerGroup        Oil & Gas Producers
smallArms        False
environmentScore 23.39
governancePercentile 0
militaryContract False]
COP

```

Index: SP500
Sector: Energy
supply trend: 164910706.505295
risk trend factor: 3.1812515705509306



```

beta currentRatio debtToEquity dividendRate dividendYield \
COP 1.350272      1.513     38.088      1.92      0.0156

earningsGrowth      ebitda ebitdaMargins forwardPE freeCashflow \
COP      4.853    25497999360      0.46444    10.605744   10752749568

grossMargins grossProfits heldPercentInstitutions industry \
COP      0.52295    22936000000      0.8134    Oil & Gas E&P

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
COP 157619814400      19983998976      0.33401      0.2348      0.56

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
COP 3.20246      2.871035      0.23417      1.287

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
COP      0.1295      0.27835      0.828      41.447    Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
COP 1293449984      1.83    7144000000      5.523    18745999360

totalRevenue trailingPE
COP 54899998720      12.631906
2022-06-10

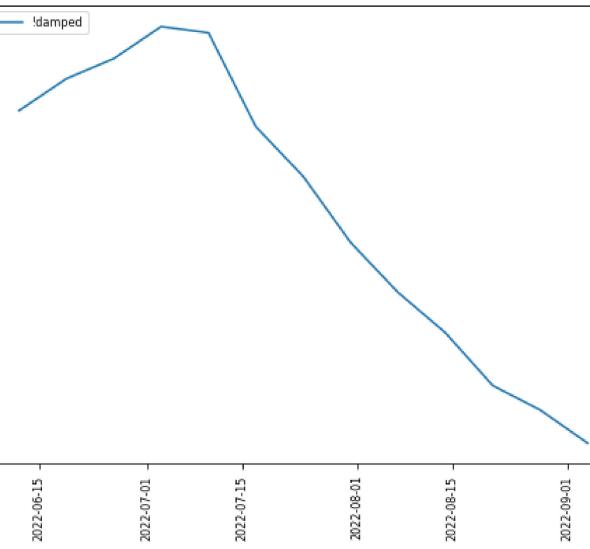
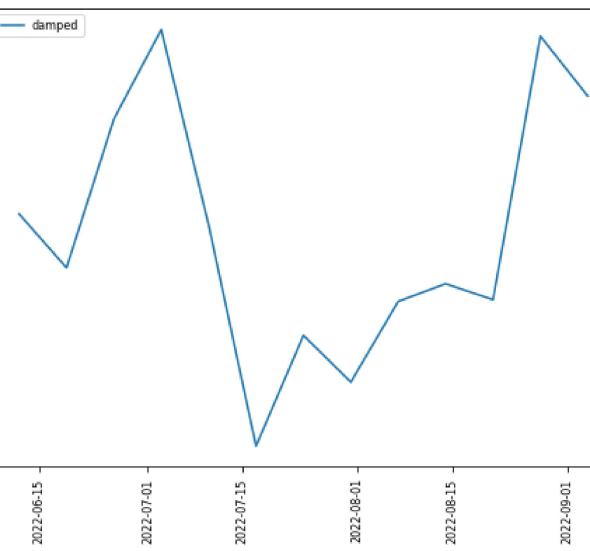
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 98.434997 111.473651 124.512305

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
COP	0.946298	116.830002	164910706.505295	0.924909	0.992942	0.491541

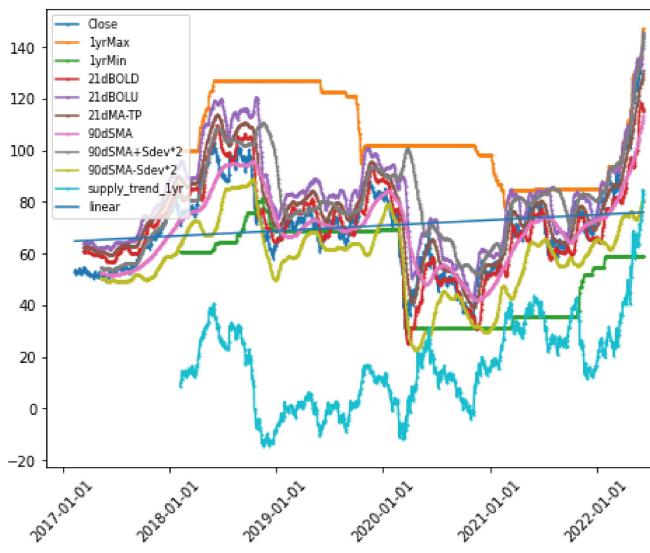
ets next 13 weeks



```
3
['options', ('2022-08-19', '2023-01-20', '2024-01-19')]
27
```

```
['sustainability',
2022-5
palmOil
controversialWeapons
gambling
socialScore
9.71
nuclear
False
furLeather
False
alcoholic
False
gmo
False
catholic
False
socialPercentile
None
peerCount
66
governanceScore
7.68
environmentPercentile
None
animalTesting
False
tobacco
False
totalEsg
34.92
highestControversy
2
esgPerformance
OUT_PERF
coal
False
pesticides
False
adult
False
percentile
77.49
peerGroup
Oil & Gas Producers
smallArms
False
environmentScore
17.53
governancePercentile
None
militaryContract
False]
```

VLO
Index: SP500
Sector: Energy
supply trend: 84050366.56580938
risk trend factor: 3.1558878750034074



beta currentRatio debtToEquity dividendRate dividendYield \\\nVLO 1.762704 1.178 64.483 3.92 0.027

ebitda ebitdaMargins forwardPE freeCashflow grossMargins \\\nVLO 6672999936 0.05306 12.882617 4647625216 0.05998

grossProfits heldPercentInstitutions industry \\\nVLO 5487000000 0.80461 Oil & Gas Refining & Marketing

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \\\nVLO 58671964160 6498999808 0.0341 0.6312 0.42

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \\\nVLO 3.117438 0.466521 0.02019 0.7

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \\\nVLO 0.04701 0.14702 0.886 308.815 Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \\\nVLO 408096000 1.87 2638000128 6.464 13160999936

totalRevenue trailingPE\nVLO 125765001216 23.143915

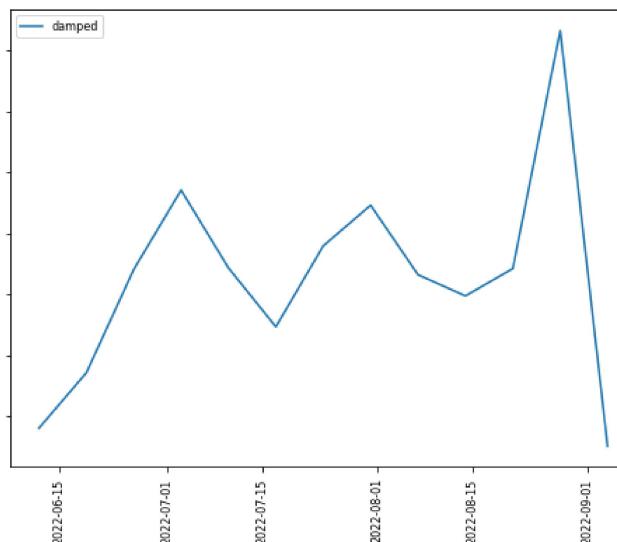
2022-06-10

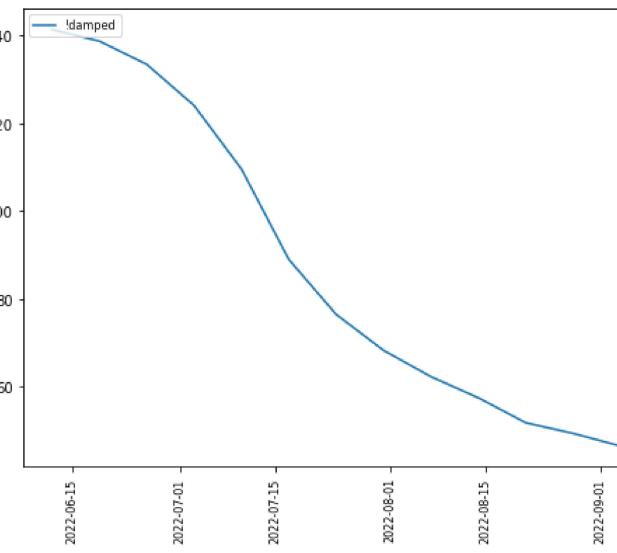
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 116.071949 130.762381 145.452813

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
VLO	1.213534	140.509995	84050366.565809	0.943432	0.970961	0.536721

ets next 13 weeks





```
3 ['options', ('2022-06-17', '2023-01-20', '2024-01-19')]
27
```

```
['sustainability', Value]
```

```
2022-5
```

```
palmOil False
controversialWeapons False
gambling False
socialScore 7.23
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 39
governanceScore 4.98
environmentPercentile None
animalTesting False
tobacco False
totalEsg 30.94
highestControversy 3
esgPerformance OUT_PERF
coal False
pesticides False
adult False
percentile 65.34
peerGroup Refiners & Pipelines
smallArms False
environmentScore 18.74
governancePercentile None
militaryContract False]
```

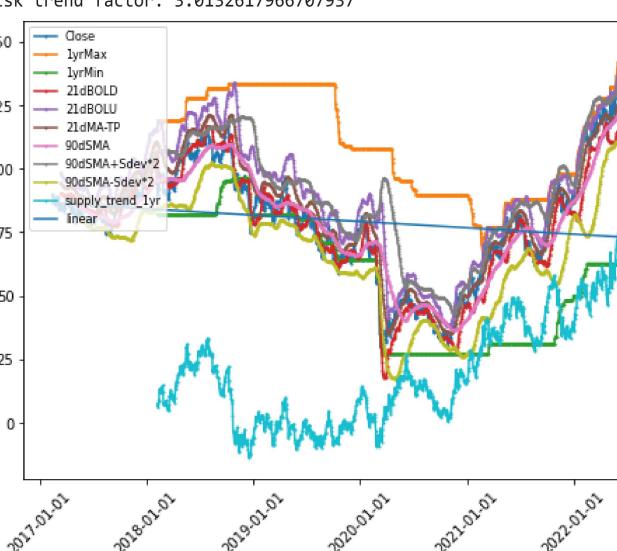
```
EOG
```

```
Index: SP500
```

```
Sector: Energy
```

```
supply trend: 86714140.16641453
```

```
risk trend factor: 3.0132617966707937
```



```

beta currentRatio debtToEquity dividendRate dividendYield \
EOG 1.778921      2.124     26.632      3      0.0241

earningsGrowth      ebitda ebitdaMargins forwardPE freeCashflow \
EOG 4.838   10099000320    0.51064  14.574899  4534499840

grossMargins grossProfits heldPercentInstitutions      industry \
EOG 0.65905  13034000000  0.90667  Oil & Gas E&P

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
EOG 84252958720      8791000064    0.30935    0.265     0.77

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
EOG 3.870343      4.260148    0.23583     1.866

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
EOG 0.10329      0.21957    1.047      34.04   Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
EOG 585089984      2.09    5208999936    8.898  5906999808

totalRevenue trailingPE
EOG 19776999424  27.761713
2022-06-10

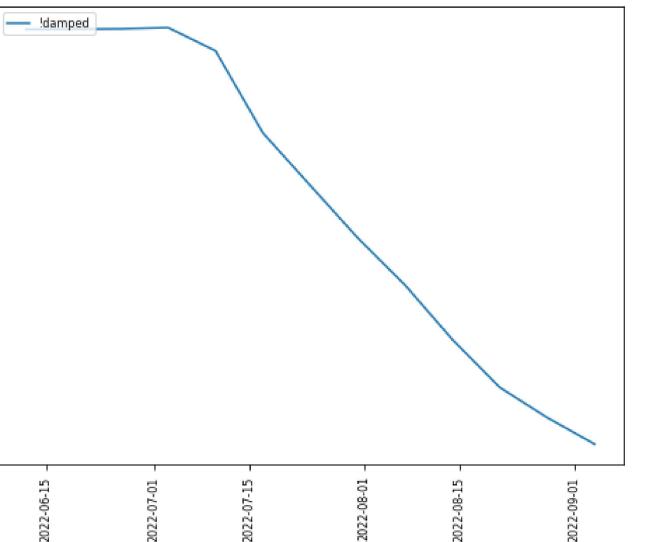
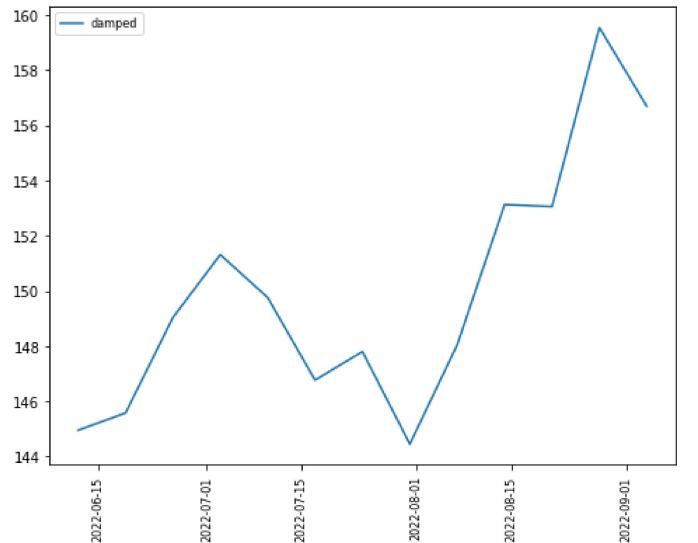
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 116.478407 133.361588 150.24477

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
EOG	0.92473	144.0	86714140.166415	0.96583	0.922673	0.487021

ets next 13 weeks



23
['quarterly_balance_sheet',
Capital Surplus 6.087000e+09 6.058000e+09 6.017000e+09
Total Liab 1.605600e+10 1.540700e+10 1.600400e+10
Total Stockholder Equity 2.218000e+10 2.176500e+10 2.088100e+10
Other Current Liab 1.523000e+09 1.224000e+09 1.698000e+09
Total Assets 3.823600e+10 3.717200e+10 3.688500e+10
Common Stock 2.060000e+08 2.060000e+08 2.060000e+08
Other Current Assets 4.560000e+08 3.810000e+08 5.130000e+08
Retained Earnings 1.591900e+10 1.554200e+10 1.468900e+10
Other Liab 6.384000e+09 6.844000e+09 6.916000e+09
Treasury Stock -3.200000e+07 -4.100000e+07 -3.100000e+07
Other Assets 4.830000e+08 1.278000e+09 1.291000e+09
Cash 5.209000e+09 4.293000e+09 3.880000e+09
Total Current Liabilities 4.042000e+09 3.484000e+09 4.002000e+09
Deferred Long Term Asset Charges 1.100000e+07 1.400000e+07 3.000000e+06
Other Stockholder Equity -1.200000e+07 -1.300000e+07 -1.500000e+07
Property Plant Equipment 2.916900e+10 2.854500e+10 2.865900e+10
Total Current Assets 8.584000e+09 7.349000e+09 6.935000e+09
Net Tangible Assets 2.218000e+10 2.176500e+10 2.088100e+10
Net Receivables 2.335000e+09 2.154000e+09 2.026000e+09
Long Term Debt 4.859000e+09 5.079000e+09 5.086000e+09
Inventory 5.840000e+08 5.210000e+08 5.160000e+08
Accounts Payable 2.242000e+09 1.972000e+09 2.012000e+09
Short Long Term Debt NaN 3.800000e+07 3.900000e+07

2021-03-31

Capital Surplus 5.979000e+09
Total Liab 1.540900e+10
Total Stockholder Equity 2.076200e+10
Other Current Liab 1.059000e+09
Total Assets 3.617100e+10
Common Stock 2.060000e+08
Other Current Assets 4.130000e+08
Retained Earnings 1.466600e+10
Other Liab 7.003000e+09
Treasury Stock -2.900000e+07
Other Assets 1.314000e+09
Cash 3.388000e+09
Total Current Liabilities 3.312000e+09
Deferred Long Term Asset Charges 4.000000e+06
Other Stockholder Equity -1.400000e+07
Property Plant Equipment 2.866600e+10
Total Current Assets 6.191000e+09
Net Tangible Assets 2.076200e+10
Net Receivables 1.828000e+09
Long Term Debt 5.094000e+09
Inventory 5.620000e+08
Accounts Payable 1.945000e+09
Short Long Term Debt 3.900000e+07]

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['quarterly_cashflow',
Change To Liabilities 3.410000e+08 -6.800000e+07
Total Cashflows From Investing Activities -8.370000e+08 -9.330000e+08
Net Borrowings -1.000000e+07 -9.000000e+06
Total Cash From Financing Activities -1.414000e+09 -8.500000e+08
Change To Operating Activities 2.000000e+07 -4.800000e+07
Issuance Of Stock 1.000000e+07 1.000000e+07
Net Income 1.985000e+09 1.095000e+09
Change In Cash 9.160000e+08 4.130000e+08
Repurchase Of Stock -8.000000e+06 -2.100000e+07
Effect Of Exchange Rate 1.000000e+06 1.000000e+06
Total Cash From Operating Activities 3.166000e+09 2.196000e+09
Depreciation 1.072000e+09 1.009000e+09
Other Cashflows From Investing Activities 1.000000e+08 -4.500000e+07
Dividends Paid -2.241732e+08 -2.488268e+08
Change To Inventory -1.080000e+08 -6.000000e+06
Change To Account Receivables -1.820000e+08 -1.450000e+08
Change To Netincome 1.200000e+07 1.530000e+08
Capital Expenditures -1.014000e+09 -8.960000e+08

2021-06-30 2021-03-31

Change To Liabilities 1.100000e+07 1.720000e+08
Total Cashflows From Investing Activities -8.280000e+08 -8.210000e+08
Net Borrowings -9.000000e+06 -7.590000e+08
Total Cash From Financing Activities -2.410000e+08 -9.880000e+08
Change To Operating Activities -1.410000e+08 -2.830000e+08
Issuance Of Stock 9.000000e+06 9.000000e+06
Net Income 9.070000e+08 6.770000e+08
Change In Cash 4.920000e+08 5.900000e+07
Repurchase Of Stock -2.000000e+06 -1.000000e+07
Effect Of Exchange Rate 2.000000e+06 -2.000000e+06
Total Cash From Operating Activities 1.559000e+09 1.870000e+09
Depreciation 9.570000e+08 9.430000e+08
Other Cashflows From Investing Activities 5.400000e+07 9.100000e+07
Dividends Paid -2.390000e+08 -2.190000e+08
Change To Inventory 3.700000e+07 6.400000e+07
Change To Account Receivables -1.860000e+08 -3.080000e+08
Change To Netincome 1.370000e+08 3.620000e+08
Capital Expenditures -1.023000e+09 -9.170000e+08]

4

['quarterly_earnings', Revenue Earnings

Quarter
1Q2021 4067000000 677000000
2Q2021 4515000000 907000000
3Q2021 5258000000 1095000000
4Q2021 5937000000 1985000000]

22

['quarterly_financials',
Research Development None None
Effect Of Accounting Charges None None
Income Before Tax 2499000000.0 1429000000.0
Minority Interest None None
Net Income 1985000000.0 1095000000.0
Selling General Administrative 139000000.0 142000000.0
Gross Profit 4064000000.0 344000000.0
Ebit 2588000000.0 1470000000.0
Operating Income 2588000000.0 1470000000.0
Other Operating Expenses 180000000.0 771000000.0
Interest Expense -38000000.0 -48000000.0
Extraordinary Items None None
Non Recurring None None
Other Items None None
Income Tax Expense 514000000.0 334000000.0
Total Revenue 5937000000.0 5258000000.0
Total Operating Expenses 3349000000.0 3788000000.0
Cost Of Revenue 1873000000.0 1818000000.0
Total Other Income Expense Net -89000000.0 -41000000.0
Discontinued Operations None None
Net Income From Continuing Ops 1985000000.0 1095000000.0
Net Income Applicable To Common Shares 1985000000.0 1095000000.0

2021-06-30 2021-03-31

Research Development None None
Effect Of Accounting Charges None None
Income Before Tax 1124000000.0 881000000.0
Minority Interest None None
Net Income 907000000.0 677000000.0
Selling General Administrative 120000000.0 118000000.0
Gross Profit 2912000000.0 2618000000.0
Ebit 1121000000.0 939000000.0
Operating Income 1121000000.0 939000000.0
Other Operating Expenses 666000000.0 582000000.0
Interest Expense -45000000.0 -47000000.0
Extraordinary Items None None
Non Recurring None None
Other Items None None
Income Tax Expense 217000000.0 204000000.0
Total Revenue 4515000000.0 4067000000.0
Total Operating Expenses 3394000000.0 3128000000.0
Cost Of Revenue 1603000000.0 1449000000.0
Total Other Income Expense Net 3000000.0 -5800000.0
Discontinued Operations None None
Net Income From Continuing Ops 907000000.0 677000000.0
Net Income Applicable To Common Shares 907000000.0 677000000.0]

10

['mutualfund_holders', Holder Shares Date Reported % Out \\
0 Vanguard Total Stock Market Index Fund 16628038 2021-12-30 0.0284
1 Select Sector SPDR Fund-Energy Select 15554415 2022-01-30 0.0266
2 Vanguard 500 Index Fund 12390700 2021-12-30 0.0212
3 Growth Fund Of America Inc 11079049 2022-02-27 0.0189
4 Washington Mutual Investors Fund 10123086 2022-01-30 0.0173
5 American Mutual Fund Inc 9597595 2022-01-30 0.0164
6 Investment Company Of America 8922398 2021-12-30 0.0152
7 JP Morgan Equity Income Fund 7968006 2021-12-30 0.0136
8 Capital World Growth and Income Fund 6235135 2022-02-27 0.0106
9 SPDR S&P 500 ETF Trust 6192774 2022-01-30 0.0106

Value

0 1477068615
1 1734006184
2 1100665881
3 1273204311
4 1128521627
5 1069939890
6 792576614
7 707797972
8 716541714
9 690370445]

4

['options', ('2022-07-15', '2023-01-20', '2024-01-19', '2026-03-20')]

27

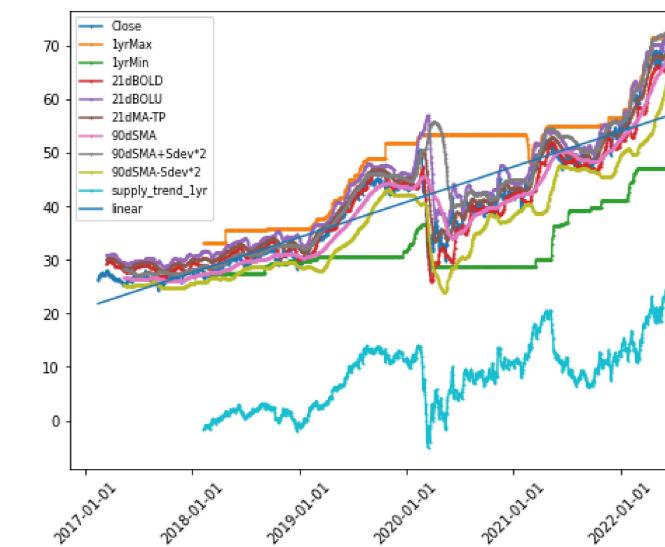
['sustainability', Value
2022-5
palmOil False
controversialWeapons False
gambling False
socialScore 8.13
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile 0

```

peerCount          66
governanceScore   7.73
environmentPercentile 0
animalTesting      False
tobacco            False
totalEsg           36.25
highestControversy 1
esgPerformance    LEAD_PERF
coal               False
pesticides         False
adult              False
percentile         81.37
peerGroup          Oil & Gas Producers
smallArms          False
environmentScore   20.39
governancePercentile 0
militaryContract   False]
WRB

```

Index: SP500
Sector: Financial Services
supply trend: 23023001.531770047
risk trend factor: 2.9081260434938816

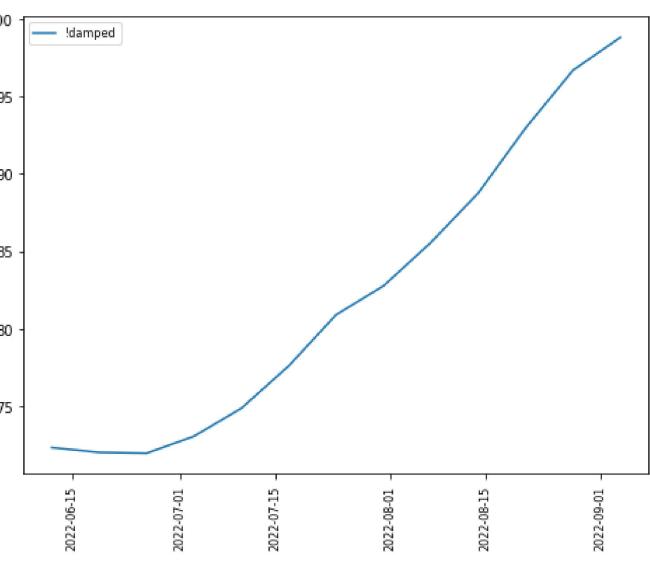
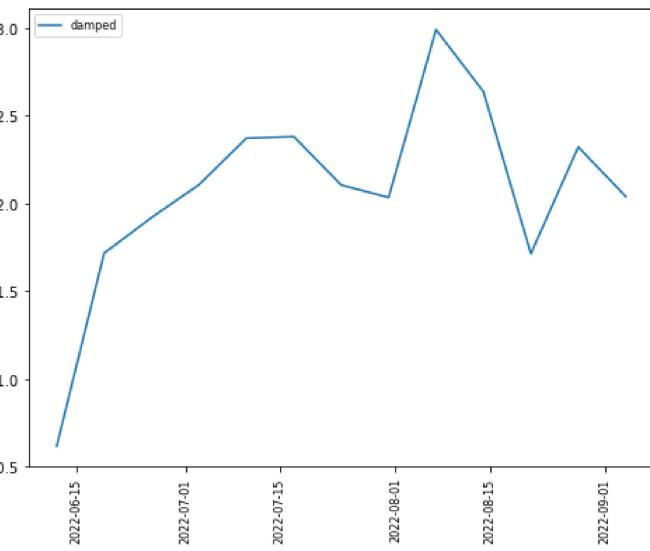


21dBOLD 21dMA-TP 21dBOLU

2022-06-10 65.61324 69.11873 72.624221

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
WRB	1.310112	68.260002	23023001.53177	0.886168	0.965152	0.455795

ets next 13 weeks



26					
['quarterly_balance_sheet',		2022-03-31	2021-12-31	2021-09-30	\
Total Stockholder Equity	6.653011e+09	6.653011e+09	6.648441e+09		
Net Tangible Assets	6.398359e+09	6.398359e+09	6.478789e+09		
Intangible Assets	NaN	7.611450e+08	6.626360e+08		
Capital Surplus	NaN	1.016372e+09	1.018300e+09		
Total Liab	NaN	2.541868e+10	2.488058e+10		
Minority Interest	NaN	1.471900e+07	1.527000e+07		
Other Current Liab	NaN	4.923033e+09	4.770052e+09		
Total Assets	NaN	3.208641e+10	3.154429e+10		
Common Stock	NaN	7.053500e+07	7.053500e+07		
Other Current Assets	NaN	3.045964e+09	2.919056e+09		
Retained Earnings	NaN	9.015135e+09	8.920334e+09		
Other Liab	NaN	1.113986e+09	1.159717e+09		
Good Will	NaN	1.696520e+08	1.696520e+08		
Treasury Stock	NaN	-3.449931e+09	-3.360728e+09		
Other Assets	NaN	2.521156e+09	2.500260e+09		
Cash	NaN	1.568843e+09	2.069029e+09		
Total Current Liabilities	NaN	2.130029e+10	2.026349e+10		
Deferred Long Term Asset Charges	NaN	5.742500e+07	NaN		
Short Long Term Debt	NaN	4.264260e+08	5.000000e+06		
Other Stockholder Equity	NaN	-2.819550e+08	-1.908620e+08		
Property Plant Equipment	NaN	5.920630e+08	5.906700e+08		
Total Current Assets	NaN	9.017870e+09	9.328265e+09		
Long Term Investments	NaN	1.902453e+10	1.829280e+10		
Net Receivables	NaN	2.546542e+09	2.808928e+09		
Long Term Debt	NaN	2.840642e+09	3.261118e+09		
Accounts Payable	NaN	1.590587e+10	1.547705e+10		
		2021-06-30			
Total Stockholder Equity	6.578276e+09				
Net Tangible Assets	6.408624e+09				
Intangible Assets	6.276470e+08				
Capital Surplus	1.035166e+09				
Total Liab	2.370996e+10				
Minority Interest	9.678000e+06				
Other Current Liab	4.544714e+09				
Total Assets	3.029792e+10				
Common Stock	7.053500e+07				
Other Current Assets	2.803790e+09				
Retained Earnings	8.682088e+09				
Other Liab	1.044232e+09				
Good Will	1.696520e+08				
Treasury Stock	-3.209513e+09				
Other Assets	2.454554e+09				
Cash	1.790199e+09				
Total Current Liabilities	1.958691e+10				
Deferred Long Term Asset Charges	NaN				
Short Long Term Debt	3.000000e+06				
Other Stockholder Equity	-1.224440e+08				
Property Plant Equipment	5.771780e+08				
Total Current Assets	8.802932e+09				
Long Term Investments	1.766595e+10				
Net Receivables	2.893894e+09				
Long Term Debt	2.916046e+09				
Accounts Payable	1.501623e+10]			
18					
['quarterly_cashflow',		2022-03-31	2021-12-31	\	
Net Income	590638000.0	294430000.0			
Change To Liabilities	0.0	86599000.0			
Investments	NaN	-666087000.0			
Total Cashflows From Investing Activities	NaN	-948573000.0			
Net Borrowings	NaN	665000.0			
Total Cash From Financing Activities	NaN	-216185000.0			
Change To Operating Activities	NaN	308505000.0			
Change In Cash	NaN	-500186000.0			
Effect Of Exchange Rate	NaN	4979000.0			
Total Cash From Operating Activities	NaN	659593000.0			
Depreciation	NaN	28352000.0			
Other Cashflows From Investing Activities	NaN	-253641000.0			
Dividends Paid	NaN	-22851532.0			
Change To Account Receivables	NaN	697000.0			
Other Cashflows From Financing Activities	NaN	-17221000.0			
Change To Netincome	NaN	-52638000.0			
Capital Expenditures	NaN	-13076000.0			
Repurchase Of Stock	NaN	NaN			
	2021-09-30	2021-06-30			
Net Income	261297000.0	237238000.0			
Change To Liabilities	234263000.0	253475000.0			
Investments	-696817000.0	-289676000.0			
Total Cashflows From Investing Activities	-638931000.0	-206411000.0			
Net Borrowings	346827000.0	-399550000.0			
Total Cash From Financing Activities	98046000.0	-404247000.0			
Change To Operating Activities	510536000.0	398099000.0			
Change In Cash	278830000.0	-224712000.0			
Effect Of Exchange Rate	-8870000.0	1127000.0			
Total Cash From Operating Activities	828585000.0	384819000.0			
Depreciation	30733000.0	37054000.0			
Other Cashflows From Investing Activities	81542000.0	-33896000.0			
Dividends Paid	-46124841.0	-46124841.0			
Change To Account Receivables	-43374000.0	-225428000.0			

```
Other Cashflows From Financing Activities -21216000.0 -4697000.0  
Change To Netincome -69408000.0 -73630000.0  
Capital Expenditures -5285000.0 -37401000.0  
Repurchase Of Stock -92743000.0 -92743000.0 ]
```

```
4  
['quarterly_earnings', Revenue Earnings  
Quarter
```

```
2Q2021 2296086000 237238000  
3Q2021 2424283000 261297000  
4Q2021 2578228000 294430000  
1Q2022 2915409000 590638000]
```

```
22  
['quarterly_financials',
```

```
2022-03-31 2021-12-31 \
```

```
Research Development None None  
Effect Of Accounting Charges None None  
Income Before Tax 732433000.0 354616000.0  
Minority Interest NaN 14719000.0  
Net Income 590638000.0 294430000.0  
Selling General Administrative NaN 9617000.0  
Gross Profit 1481302000.0 1084200000.0  
Ebit 763235000.0 385441000.0  
Operating Income 763235000.0 385441000.0  
Other Operating Expenses 718067000.0 689142000.0  
Interest Expense -34970000.0 -37334000.0  
Extraordinary Items None None  
Non Recurring None None  
Other Items None None  
Income Tax Expense 139403000.0 60313000.0  
Total Revenue 2915409000.0 2578228000.0  
Total Operating Expenses 2152174000.0 2192787000.0  
Cost Of Revenue 1434107000.0 1494028000.0  
Total Other Income Expense Net -30802000.0 -30825000.0  
Discontinued Operations None None  
Net Income From Continuing Ops 593030000.0 294303000.0  
Net Income Applicable To Common Shares 590638000.0 294430000.0
```

```
2021-09-30 2021-06-30  
Research Development None None  
Effect Of Accounting Charges None None  
Income Before Tax 332281000.0 299940000.0  
Minority Interest 15270000.0 9678000.0  
Net Income 261297000.0 237238000.0  
Selling General Administrative 11741000.0 11429000.0  
Gross Profit 1010426000.0 985741000.0  
Ebit 354884000.0 344814000.0  
Operating Income 354884000.0 344814000.0  
Other Operating Expenses 643801000.0 629498000.0  
Interest Expense -35100000.0 -38096000.0  
Extraordinary Items None None  
Non Recurring None None  
Other Items None None  
Income Tax Expense 64963000.0 62262000.0  
Total Revenue 2424283000.0 2296086000.0  
Total Operating Expenses 2069399000.0 1951272000.0  
Cost Of Revenue 1413857000.0 1310345000.0  
Total Other Income Expense Net -22603000.0 -44874000.0  
Discontinued Operations None None  
Net Income From Continuing Ops 267318000.0 237678000.0  
Net Income Applicable To Common Shares 261297000.0 237238000.0 ]
```

```
10  
['mutualfund_holders', Holder Shares Date Reported \
```

```
0 Eaton Vance Atlanta Capital SMID-Cap Fd 6914517 2021-12-30  
1 Janus Henderson Enterprise Fund 5220135 2021-12-30  
2 Vanguard Total Stock Market Index Fund 3764733 2021-12-30  
3 Victory Portfolios-Sycamore Established Value ... 3670000 2022-01-30  
4 First Eagle Global Fund 3504173 2022-01-30  
5 Vanguard Mid-Cap Index Fund 2995637 2021-12-30  
6 Vanguard 500 Index Fund 2955527 2021-12-30  
7 JP Morgan Mid Cap Value Fund 1596210 2021-12-30  
8 Select Sector SPDR Fund-Financial 1547113 2022-01-30  
9 SPDR S&P 500 ETF Trust 1487247 2022-01-30
```

```
% Out Value  
0 0.0261 379791365  
1 0.0197 286724611  
2 0.0142 206784232  
3 0.0138 206743332  
4 0.0132 197401744  
5 0.0113 164540352  
6 0.0111 162337244  
7 0.0060 87674493  
8 0.0058 87154031  
9 0.0056 83781580 ]
```

```
1  
['options', ('2022-07-15',)]
```

```
27  
['sustainability', Value
```

```
2022-5  
palmOil False  
controversialWeapons False  
gambling False  
socialScore 7.83
```

```

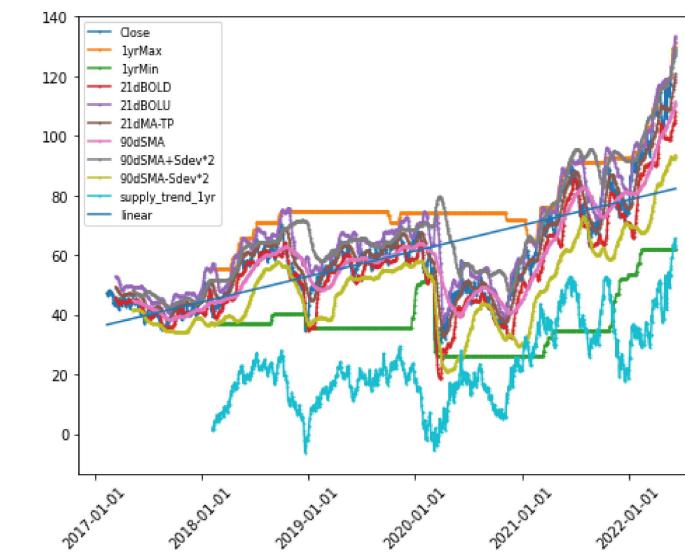
nuclear      False
furLeather   False
alcoholic    False
gmo          False
catholic     False
socialPercentile 0
peerCount    96
governanceScore 12.16
environmentPercentile 0
animalTesting False
tobacco      False
totalEsg     21.95
highestControversy 1
esgPerformance None
coal          False
pesticides   False
adult         False
percentile   31.22
peerGroup    Insurance
smallArms    False
environmentScore 1.95
governancePercentile 0
militaryContract False]
HES

```

```

Index: SP500
Sector: Energy
supply trend: 66701550.453857794
risk trend factor: 2.8809300900511263

```



```

beta currentRatio debtToEquity dividendRate dividendYield \
HES 1.684375 1.418 122.347 1.5 0.0118

```

```

earningsGrowth ebitda ebitdaMargins forwardPE freeCashflow \
HES 0.634 3804000000 0.49454 11.819778 1165250048

```

```

grossMargins grossProfits heldPercentInstitutions industry \
HES 0.71425 5267000000 0.85669 Oil & Gas E&P

```

```

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
HES 39807426560 214300064 0.3007 0.4828 0.19

```

```

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
HES 6.277734 5.175172 0.09412 1.257

```

```

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
HES 0.07461 0.1547 0.21 24.96 Energy

```

```

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
HES 311263008 3.58 1370000000 4.424 8622999552

```

```

totalRevenue trailingPE
HES 7692000256 54.794342
2022-06-10

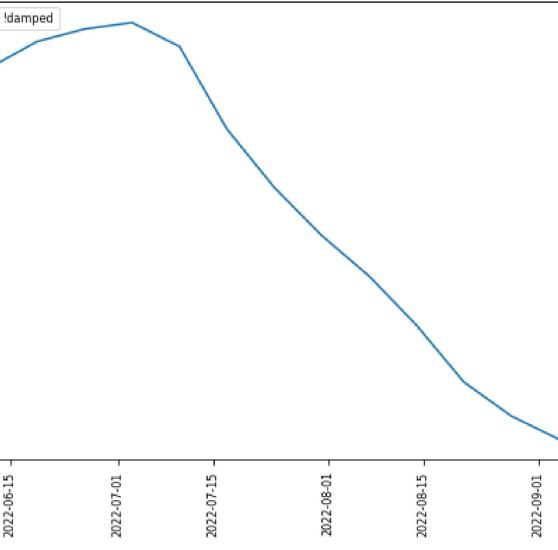
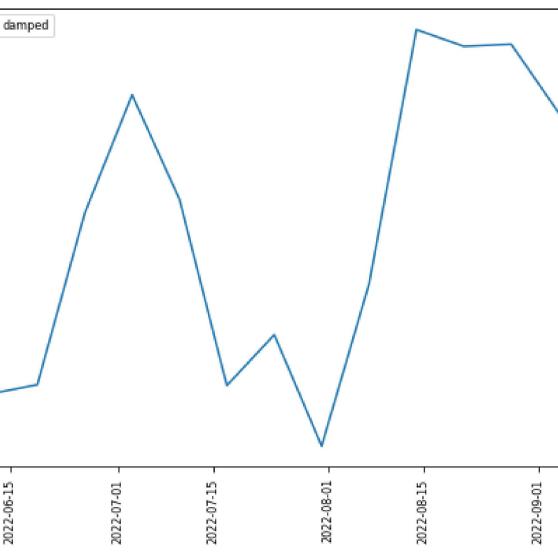
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21dBOLD 21dMA-TP 21dBOLU

2022-06-10 108.176953 120.776666 133.37638

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
HES	0.637367	127.720001	66701550.453858	0.961499	0.97499	0.449233

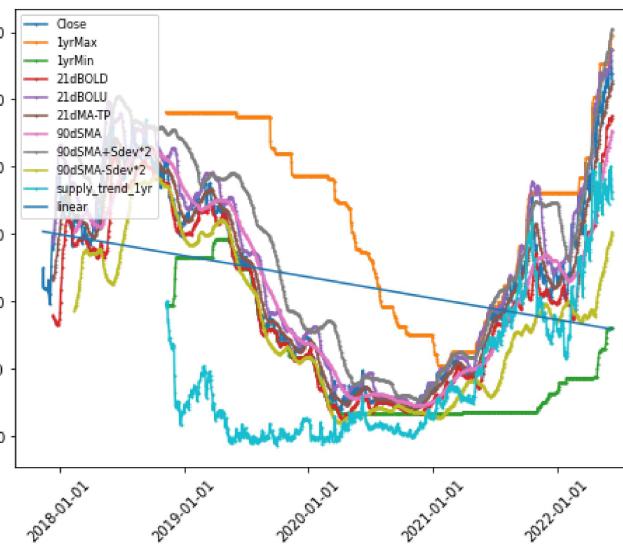
ets next 13 weeks



```

3 ['options', ('2022-08-19', '2023-01-20', '2024-01-19')]
27
['sustainability',
2022-5
palmOil False
controversialWeapons False
gambling False
socialScore 6.36
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 66
governanceScore 6.97
environmentPercentile None
animalTesting False
tobacco False
totalEsg 31.78
highestControversy 2
esgPerformance OUT_PERF
coal False
pesticides False
adult False
percentile 68.13
peerGroup Oil & Gas Producers
smallArms False
environmentScore 18.44
governancePercentile None
militaryContract False]
CEIX
Index: SP600
Sector: Energy
supply trend: 9591390.716180371
risk trend factor: 2.853515807990338

```



```

beta currentRatio debtToEquity earningsGrowth ebitda \
CEIX 2.379059      0.868     100.167      5.642 282313984

ebitdaMargins forwardPE freeCashflow grossMargins grossProfits \
CEIX 0.22235 10.293775 196007120 0.33279 422536000

heldPercentInstitutions industry marketCap operatingCashflow \
CEIX 0.86884 Thermal Coal 1824347392 305568992

operatingMargins payoutRatio priceToBook priceToSalesTrailing12Months \
CEIX 0.04547      0     3.764765 1.436839

profitMargins quickRatio returnOnAssets returnOnEquity revenueGrowth \
CEIX 0.02686      0.586    0.01416    0.05563 0.249

revenuePerShare sector sharesOutstanding shortRatio totalCash \
CEIX 36.905 Energy 34480200 1.85 149912992

totalCashPerShare totalDebt totalRevenue
CEIX 4.348 673937984 1269694976
2022-06-10

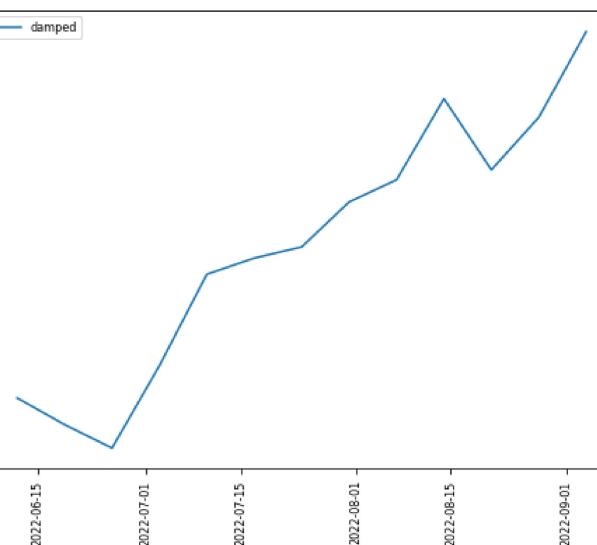
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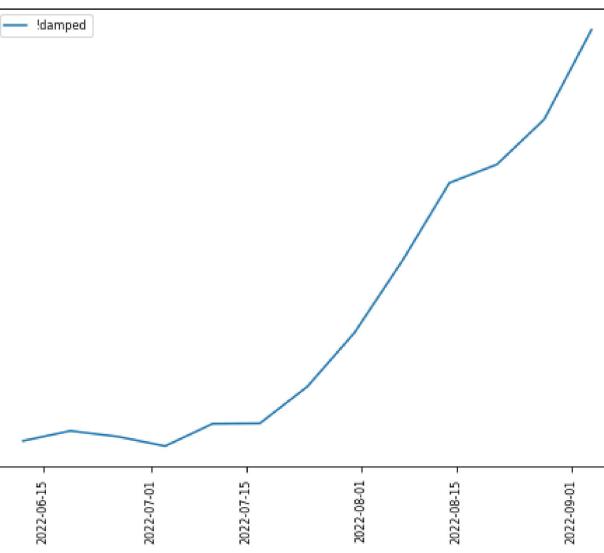
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 47.5295 52.432841 57.336183

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
CEIX	1.511199	52.91	9591390.71618	0.883884	0.933936	0.522101

ets next 13 weeks



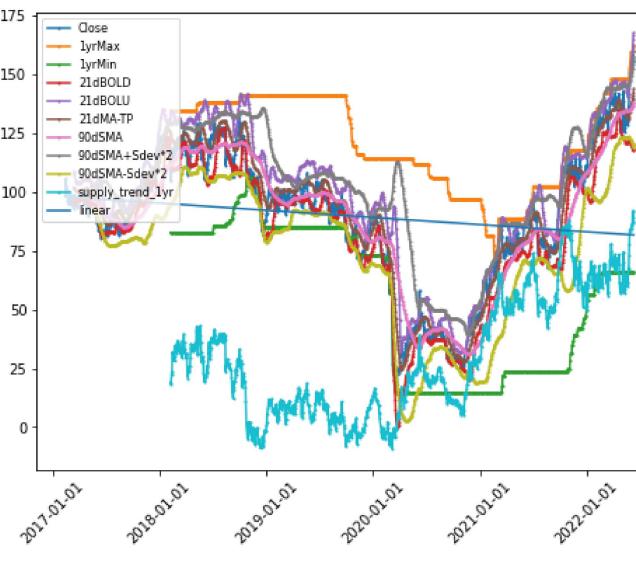


23					
	'quarterly_balance_sheet',		2021-12-31	2021-09-30	2021-06-30 \
	Capital Surplus	6.469450e+08	6.449200e+08	6.430330e+08	
	Total Liab	1.900704e+09	2.105167e+09	1.965198e+09	
	Total Stockholder Equity	6.728130e+08	4.845800e+08	5.927330e+08	
	Other Current Liab	1.790310e+08	2.688430e+08	1.451780e+08	
	Total Assets	2.573517e+09	2.589747e+09	2.557931e+09	
	Common Stock	3.450000e+05	3.450000e+05	3.450000e+05	
	Other Current Assets	3.747200e+07	4.242800e+07	3.166900e+07	
	Retained Earnings	2.809600e+08	1.636370e+08	2.774260e+08	
	Other Liab	8.455480e+08	9.379920e+08	9.285180e+08	
	Treasury Stock	-2.554370e+08	-3.243220e+08	-3.280710e+08	
	Other Assets	5.153480e+08	5.008660e+08	4.742010e+08	
	Cash	1.499130e+08	1.619810e+08	1.466670e+08	
	Total Current Liabilities	4.452320e+08	5.156760e+08	3.702570e+08	
	Deferred Long Term Asset Charges	5.701100e+07	1.113720e+08	6.965600e+07	
	Short Long Term Debt	3.658900e+07	2.765100e+07	3.139500e+07	
	Other Stockholder Equity	-2.554370e+08	-3.243220e+08	-3.280710e+08	
	Property Plant Equipment	1.671829e+09	1.704640e+09	1.711778e+09	
	Total Current Assets	3.863400e+08	3.842410e+08	3.719520e+08	
	Net Tangible Assets	6.728130e+08	4.845800e+08	5.927330e+08	
	Net Receivables	1.108630e+08	9.881800e+07	1.153080e+08	
	Long Term Debt	5.680520e+08	5.976970e+08	6.093260e+08	
	Inventory	6.287600e+07	5.601500e+07	5.929900e+07	
	Accounts Payable	8.034300e+07	7.839200e+07	6.807300e+07	
		2021-03-31			
	Capital Surplus	6.420540e+08			
	Total Liab	1.937495e+09			
	Total Stockholder Equity	5.830650e+08			
	Other Current Liab	1.260430e+08			
	Total Assets	2.520560e+09			
	Common Stock	3.440000e+05			
	Other Current Assets	3.030000e+05			
	Retained Earnings	2.732540e+08			
	Other Liab	9.485460e+08			
	Treasury Stock	-3.325870e+08			
	Other Assets	4.475660e+08			
	Cash	9.117400e+07			
	Total Current Liabilities	3.711940e+08			
	Deferred Long Term Asset Charges	6.226100e+07			
	Short Long Term Debt	2.888900e+07			
	Other Stockholder Equity	-3.325870e+08			
	Property Plant Equipment	1.736252e+09			
	Total Current Assets	3.367420e+08			
	Net Tangible Assets	5.830650e+08			
	Net Receivables	1.662310e+08			
	Long Term Debt	5.504440e+08			
	Inventory	5.520900e+07			
	Accounts Payable	7.538200e+07]		
16					
	'quarterly_cashflow',		2021-12-31	2021-09-30	\
	Change To Liabilities	5226000.0	13242000.0		
	Total Cashflows From Investing Activities	-35758000.0	-45884000.0		
	Net Borrowings	-30768000.0	-22550000.0		
	Total Cash From Financing Activities	-30768000.0	-22551000.0		
	Change To Operating Activities	-27258000.0	1564000.0		
	Net Income	117323000.0	-113789000.0		
	Change In Cash	-14100000.0	12183000.0		
	Total Cash From Operating Activities	52426000.0	80538000.0		
	Depreciation	56510000.0	55977000.0		
	Other Cashflows From Investing Activities	-7843000.0	-156000.0		
	Change To Inventory	-6861000.0	3284000.0		
	Change To Account Receivables	-9263000.0	8877000.0		
	Change To Netincome	-85331000.0	109242000.0		
	Capital Expenditures	-29434000.0	-45863000.0		
	Repurchase Of Stock	NaN	-1000.0		
	Other Cashflows From Financing Activities	NaN	NaN		
		2021-06-30	2021-03-31		
	Change To Liabilities	-6922000.0	-73000.0		
	Total Cashflows From Investing Activities	-40225000.0	-5494000.0		
	Net Borrowings	56940000.0	-29803000.0		
	Total Cash From Financing Activities	54342000.0	-31875000.0		
	Change To Operating Activities	-14728000.0	-3098000.0		
	Net Income	4172000.0	26404000.0		
	Change In Cash	188726000.0	40627000.0		
	Total Cash From Operating Activities	94609000.0	77996000.0		
	Depreciation	52199000.0	59897000.0		
	Other Cashflows From Investing Activities	-156000.0	-182000.0		
	Change To Inventory	-3574000.0	475000.0		
	Change To Account Receivables	50857000.0	-5764000.0		
	Change To Netincome	10414000.0	-1985000.0		
	Capital Expenditures	-43655000.0	-13800000.0		
	Repurchase Of Stock	-230000.0	-2072000.0		
	Other Cashflows From Financing Activities	-2368000.0	-2368000.0]	
4					
	'quarterly_earnings',	Revenue	Earnings		
	Quarter				
	1Q2021	332361000	26404000		
	2Q2021	303895000	4172000		
	3Q2021	294837000	-113789000		

4Q2021 338602000 117323000]
2
['quarterly_financials',
Research Development None None None
Effect Of Accounting Charges None None None
Income Before Tax 162586000.0 -154047000.0 -4721000.0
Minority Interest None None None
Net Income 117323000.0 -113789000.0 4172000.0
Selling General Administrative 20131000.0 22476000.0 22542000.0
Gross Profit 111053000.0 86480000.0 102837000.0
Ebit 150330000.0 -139095000.0 7904000.0
Operating Income 150330000.0 -139095000.0 7904000.0
Other Operating Expenses -115918000.0 147050000.0 20192000.0
Interest Expense -15849000.0 -16045000.0 -16187000.0
Extraordinary Items None None None
Non Recurring None None None
Other Items None None None
Income Tax Expense 45263000.0 -40258000.0 -8893000.0
Total Revenue 338602000.0 294837000.0 303895000.0
Total Operating Expenses 188272000.0 433932000.0 295991000.0
Cost Of Revenue 227549000.0 208429000.0 201058000.0
Total Other Income Expense Net 12256000.0 -14952000.0 -12625000.0
Discontinued Operations None None None
Net Income From Continuing Ops 117323000.0 -113789000.0 4172000.0
Net Income Applicable To Common Shares 117323000.0 -113789000.0 4172000.0

2021-03-31
Research Development None
Effect Of Accounting Charges None
Income Before Tax 31589000.0
Minority Interest None
Net Income 26404000.0
Selling General Administrative 23964000.0
Gross Profit 120238000.0
Ebit 36592000.0
Operating Income 36592000.0
Other Operating Expenses -215000.0
Interest Expense -15261000.0
Extraordinary Items None
Non Recurring None
Other Items None
Income Tax Expense 5185000.0
Total Revenue 332361000.0
Total Operating Expenses 295769000.0
Cost Of Revenue 212123000.0
Total Other Income Expense Net -5003000.0
Discontinued Operations None
Net Income From Continuing Ops 26404000.0
Net Income Applicable To Common Shares 26404000.0]
10
['mutualfund_holders', Holder Shares Date Reported \]
0 iShares Core S&P Smallcap ETF 2228007 2022-01-30
1 SPDR (R) Ser Tr-SPDR (R) S&P (R) Metals & Mini... 1914035 2022-01-30
2 iShares Russell 2000 ETF 792575 2022-01-30
3 Vanguard Total Stock Market Index Fund 735685 2021-12-30
4 Victory Portfolios-Victory Integrity Small Cap... 704300 2021-12-30
5 DFA U.S. Small Cap Value Series 629572 2022-01-30
6 iShares S&P Smallcap 600 Value ETF 526608 2022-01-30
7 Vanguard Extended Market Index Fund 430229 2021-12-30
8 iShares Russell 2000 Value ETF 366723 2022-01-30
9 Pacer Small Cap U.S. Cash Cows 100 ETF 323552 2022-01-30

% Out Value
0 0.0640 48436872
1 0.0550 41611120
2 0.0228 17230580
3 0.0211 16707406
4 0.0202 15994653
5 0.0181 13686895
6 0.0151 11448457
7 0.0124 9770500
8 0.0105 7972558
9 0.0093 7034020]
2
['options', ('2022-06-17', '2022-08-19')]
FANG
Index: SP500
Sector: Energy
supply trend: 49440914.67473525
risk trend factor: 2.7344633265558405



beta currentRatio debtToEquity dividendRate dividendYield \

FANG 2.181941 0.72 42.218 2.8 0.0181

earningsGrowth ebitda ebitdaMargins forwardPE freeCashflow \

FANG 2.278 5041999872 0.65762 7.115401 953625024

grossMargins grossProfits heldPercentInstitutions industry \

FANG 0.86683 5577000000 0.91778 Oil & Gas E&P

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \

FANG 28453900288 4572000256 0.48611 0.1272 0.39

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \

FANG 2.233632 3.711217 0.35751 0.656

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \

FANG 0.10278 0.22396 1.034 42.596 Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \

FANG 177492992 2.75 149000000 0.839 5848000000

totalRevenue trailingPE

FANG 7666999808 10.57384

2022-06-10

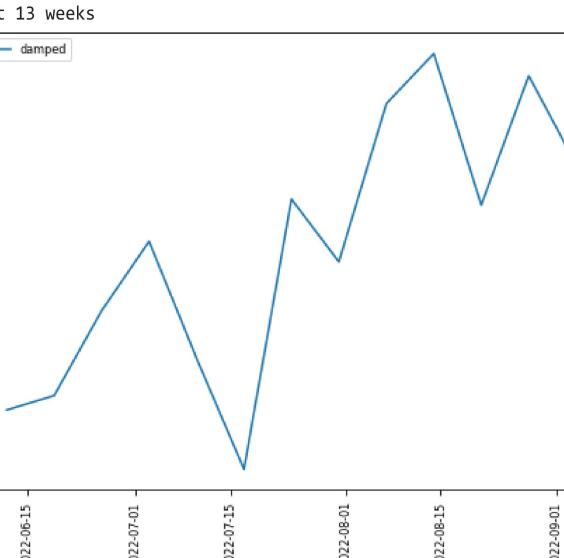
21dBOLD 21dMA-TP 21dBOLU

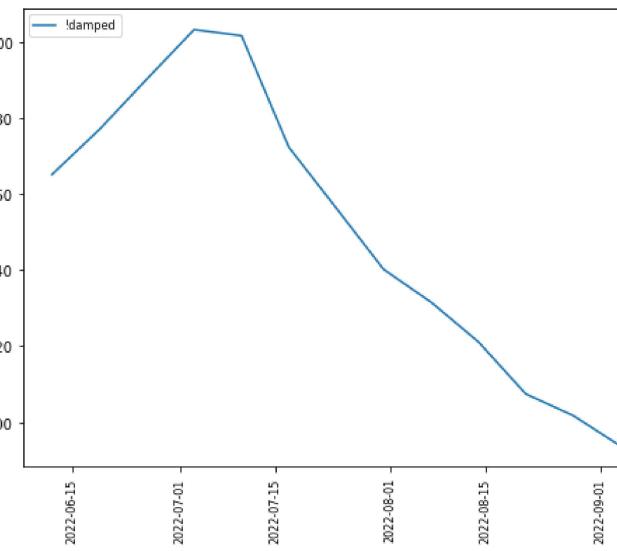
2022-06-10 120.025332 143.822381 167.61943

volume_factor latest_p vol_30d_2yr pct_2yr adf hurst

FANG 1.227123 155.490005 49440914.674735 0.951302 0.837164 0.472651

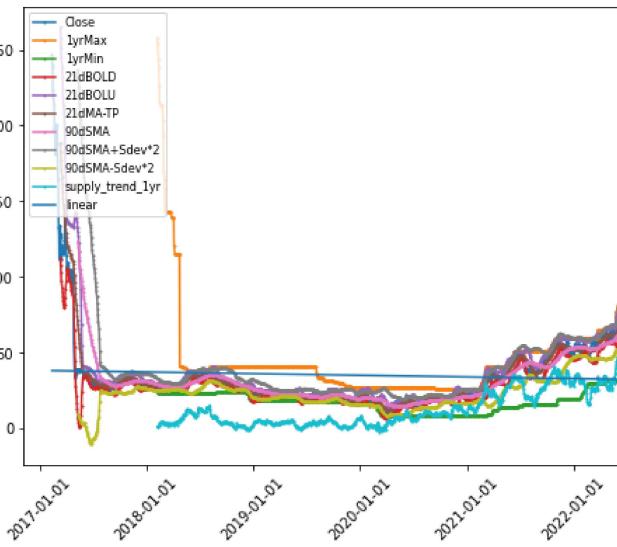
ets next 13 weeks





3
['options', ('2022-06-17', '2023-01-20', '2024-01-19')]

CIVI
Index: SP600
Sector: Energy
supply trend: 7642718.420574887
risk trend factor: 2.668131309107495



beta currentRatio debtToEquity dividendRate dividendYield ebitda \\\nCIVI 1.69646 0.505 11.399 1.85 0.0222 910931008

ebitdaMargins forwardPE freeCashflow grossMargins grossProfits \\\nCIVI 0.54408 5.807773 855249152 0.79951 731177000

heldPercentInstitutions industry marketCap operatingCashflow \\\nCIVI 1.04378 Oil & Gas E&P 7110930432 764176000

operatingMargins payoutRatio pegRatio priceToBook \\\nCIVI 0.26443 0.2792 0.4 1.532868

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \\\nCIVI 4.247195 0.16167 0.477 0.06714

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \\\nCIVI 0.09524 10.028 31.498 Energy 84967504

shortRatio totalCash totalCashPerShare totalDebt totalRevenue \\\nCIVI 6.57 154348992 1.817 528631008 1674264960

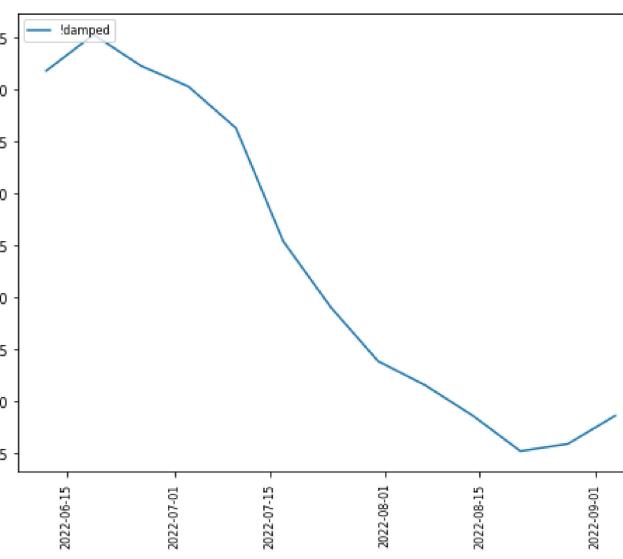
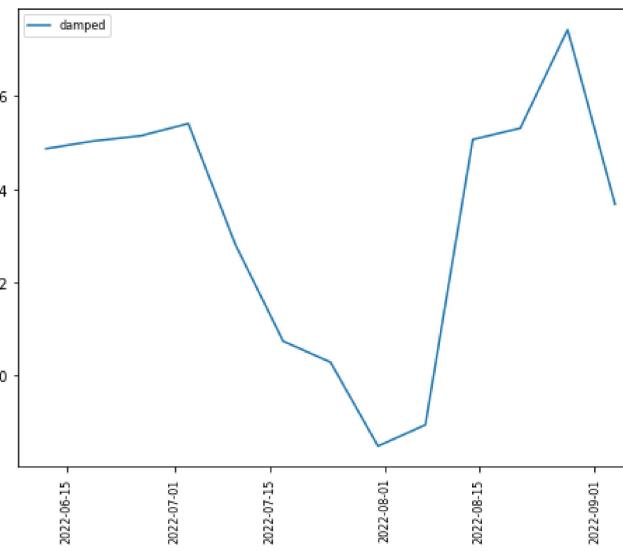
trailingPE
CIVI 16.671316
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

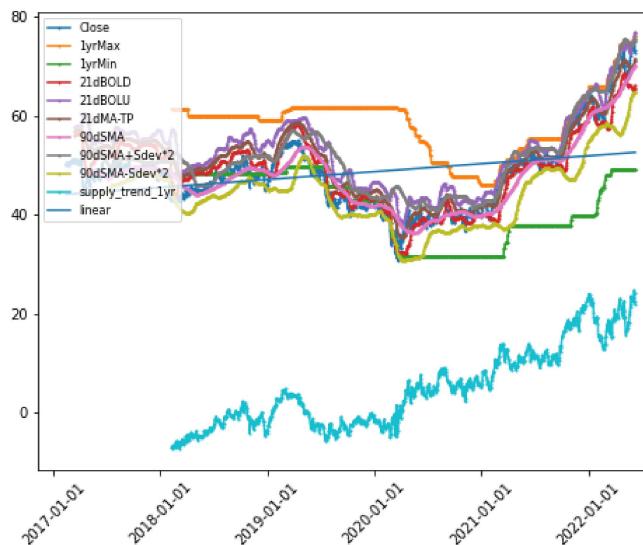
2022-06-10 56.1793 72.431587 88.683875

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
CIVI	2.177131	80.660004	7642718.420575	0.942041	0.020246	0.49614

ets next 13 weeks



```
2
['options', ('2022-07-15', '2022-12-16')]
NFG
Index: SP400
Sector: Energy
supply trend: 11033521.558245083
risk trend factor: 2.6550357052664886
```



```

beta currentRatio debtToEquity dividendRate dividendYield \
NFG 0.723039      0.633     132.864      1.82      0.0271

earningsGrowth      ebitda ebitdaMargins forwardPE freeCashflow \
NFG      0.694    1026038976      0.5552    13.185118    113741128

grossMargins grossProfits heldPercentInstitutions      industry \
NFG      0.61861    1095026000      0.75657    Oil & Gas Integrated

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
NFG 6624960512      758292992      0.37081      0.3534      1.2

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
NFG 3.708525      3.584827      0.22633      0.45

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
NFG 0.05856      0.20134      0.239      20.265 Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
NFG 91190096      3.78    79065000      0.865    2803702016

totalRevenue trailingPE
NFG 1848056064 18.299747
2022-06-10

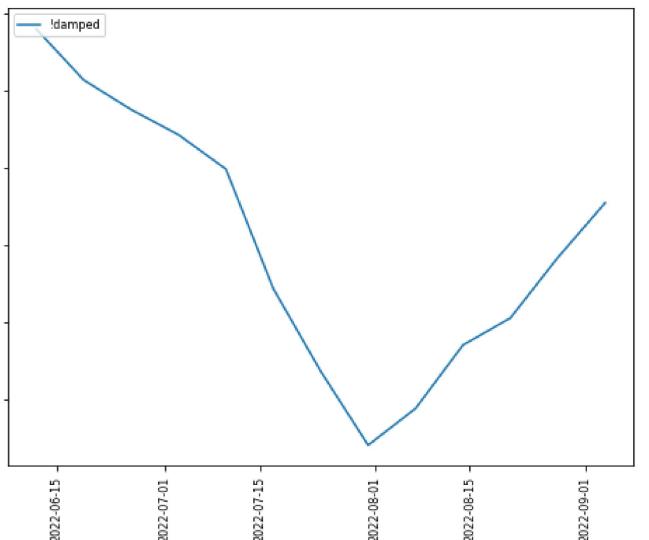
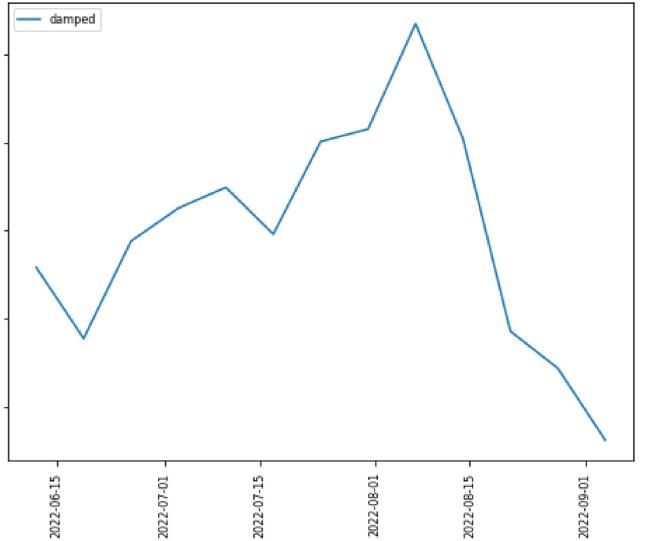
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21dBOLD 21dMA-TP 21dBOLU

2022-06-10 66.029887 71.394603 76.75932

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
NFG	0.912129	72.650002	11033521.558245	0.912861	0.982328	0.468009

ets next 13 weeks



24

```
[ 'quarterly_balance_sheet',
    Capital Surplus      1.013821e+09  1.017446e+09  1.012703e+09
    Total Liab          5.479478e+09  5.678619e+09  5.197561e+09
    Total Stockholder Equity 2.110195e+09  1.786206e+09  2.011114e+09
    Deferred Long Term Liab 2.536600e+08  2.290640e+08  3.343380e+08
    Other Current Liab  4.894420e+08  8.377480e+08  4.037490e+08
    Total Assets         7.589673e+09  7.464825e+09  7.208675e+09
    Common Stock         9.143700e+07  9.118200e+07  9.117300e+07
    Other Current Assets 6.503700e+07  1.589440e+08  2.513100e+07
    Retained Earnings    1.281963e+09  1.191175e+09  1.145700e+09
    Other Liab          1.952837e+09  1.794161e+09  1.969099e+09
    Good Will            5.476000e+06   5.476000e+06   5.476000e+06
    Treasury Stock       -2.770260e+08  -5.135970e+08  -2.384620e+08
    Other Assets          4.572680e+08  4.239440e+08  4.727480e+08
    Cash                 7.906500e+07   3.152800e+07   1.180120e+08
    Total Current Liabilities 8.961390e+08  1.236133e+09  6.006020e+08
    Other Stockholder Equity -2.770260e+08  -5.135970e+08  -2.384620e+08
    Property Plant Equipment 6.498855e+09  6.407884e+09  6.185657e+09
    Total Current Assets  5.671900e+08  5.224490e+08  4.395570e+08
    Long Term Investments 6.088400e+07   1.050720e+08  1.052370e+08
    Net Tangible Assets   2.104719e+09  1.780730e+09  2.005638e+09
    Net Receivables       3.246070e+08  2.237960e+08  2.016750e+08
    Long Term Debt        2.629602e+09  2.628687e+09  2.627860e+09
    Inventory             7.011800e+07   8.722900e+07   6.619100e+07
    Accounts Payable     1.299340e+08  1.716550e+08  1.134700e+08
```

2021-03-31

```
Capital Surplus      1.009075e+09
Total Liab          5.016683e+09
Total Stockholder Equity 2.098969e+09
Deferred Long Term Liab 3.362960e+08
Other Current Liab  2.410690e+08
Total Assets         7.115652e+09
Common Stock         9.116400e+07
Other Current Assets 2.553100e+07
Retained Earnings    1.100718e+09
Other Liab          1.986678e+09
Good Will            5.476000e+06
Treasury Stock       -1.019880e+08
Other Assets          4.728080e+08
Cash                 8.046700e+07
Total Current Liabilities 4.029720e+08
Other Stockholder Equity -1.019880e+08
Property Plant Equipment 6.076070e+09
Total Current Assets  4.571840e+08
Long Term Investments 1.041140e+08
Net Tangible Assets   2.093493e+09
Net Receivables       2.621640e+08
Long Term Debt        2.627033e+09
Inventory             5.795700e+07
Accounts Payable     1.073050e+08 ]
```

17

2021-12-31 2021-09-30 \

```
[ 'quarterly_cashflow',
    Investments           30000000.0  30000000.0
    Change To Liabilities -13491000.0  41101000.0
    Total Cashflows From Investing Activities -169710000.0  -236247000.0
    Net Borrowings        7500000.0   158500000.0
    Total Cash From Financing Activities -42846000.0  116920000.0
    Change To Operating Activities -8783000.0  -74859000.0
    Net Income             132392000.0  86962000.0
    Change In Cash         -41073000.0  416000.0
    Repurchase Of Stock   -8859000.0  -97000.0
    Total Cash From Operating Activities 171483000.0  119743000.0
    Depreciation           88578000.0  83671000.0
    Other Cashflows From Investing Activities 13781000.0  2712000.0
    Dividends Paid          -41487000.0  -41483000.0
    Change To Inventory    17111000.0  -21038000.0
    Change To Account Receivables -98688000.0  -20680000.0
    Change To Netincome    54284000.0  24586000.0
    Capital Expenditures  -213491000.0  -238959000.0
```

2021-06-30 2021-03-31

```
Investments           30000000.0  30000000.0
Change To Liabilities -1139000.0  -6878000.0
Total Cashflows From Investing Activities -174780000.0  -155320000.0
Net Borrowings        158500000.0  -45448000.0
Total Cash From Financing Activities -40642000.0  -86016000.0
Change To Operating Activities 418000.0  -12453000.0
Net Income             86475000.0  112436000.0
Change In Cash         39255000.0  -28946000.0
Repurchase Of Stock   -71000.0  -8000.0
Total Cash From Operating Activities 254677000.0  212390000.0
Depreciation           84170000.0  84342000.0
Other Cashflows From Investing Activities -872000.0  246000.0
Dividends Paid          -40571000.0  -40560000.0
Change To Inventory    -8234000.0  13385000.0
Change To Account Receivables 60426000.0  -37553000.0
Change To Netincome    32561000.0  59111000.0
Capital Expenditures  -173908000.0  -155566000.0 ]
```

4

['quarterly_earnings', Revenue Earnings

Quarter
1Q2021 551115000 112436000
2Q2021 394397000 86475000
3Q2021 355988000 86962000
4Q2021 546557000 132392000]

22

['quarterly_financials',
Research Development None None None
Effect Of Accounting Charges None None None
Income Before Tax 177289000.0 101682000.0 116810000.0
Minority Interest None None None
Net Income 132392000.0 86962000.0 86475000.0
Selling General Administrative 2951000.0 373000.0 4847000.0
Gross Profit 322738000.0 239398000.0 258732000.0
Ebit 206780000.0 131900000.0 145223000.0
Operating Income 206780000.0 131900000.0 145223000.0
Other Operating Expenses 24561000.0 23454000.0 24492000.0
Interest Expense -31291000.0 -30431000.0 -31232000.0
Extraordinary Items None None None
Non Recurring None None None
Other Items None None None
Income Tax Expense 44897000.0 14720000.0 30335000.0
Total Revenue 546557000.0 355988000.0 394397000.0
Total Operating Expenses 339849000.0 224088000.0 249174000.0
Cost Of Revenue 223819000.0 116590000.0 135665000.0
Total Other Income Expense Net -29419000.0 -30218000.0 -28413000.0
Discontinued Operations None None None
Net Income From Continuing Ops 132392000.0 86962000.0 86475000.0
Net Income Applicable To Common Shares 132392000.0 86962000.0 86475000.0

2021-03-31

Research Development None
Effect Of Accounting Charges None
Income Before Tax 152646000.0
Minority Interest None
Net Income 112436000.0
Selling General Administrative 12597000.0
Gross Profit 322368000.0
Ebit 201442000.0
Operating Income 201442000.0
Other Operating Expenses 23987000.0
Interest Expense -50518000.0
Extraordinary Items None
Non Recurring None
Other Items None
Income Tax Expense 40210000.0
Total Revenue 551115000.0
Total Operating Expenses 349673000.0
Cost Of Revenue 228747000.0
Total Other Income Expense Net -48796000.0
Discontinued Operations None
Net Income From Continuing Ops 112436000.0
Net Income Applicable To Common Shares 112436000.0]

10

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0 SPDR (R) Ser Tr- SPDR (R) S&P (R) Dividend ETF 3976535 Holder Shares Date Reported \\
2022-01-30
1 J P Morgan Mid Cap Value Fund 3731484 2021-12-30
2 Vanguard Total Stock Market Index Fund 2589317 2021-12-30
3 iShares Core S&P Midcap ETF 2527575 2022-01-30
4 Price (T.Rowe) Mid-Cap Value Fund 2403328 2021-12-30
5 Vanguard Small-Cap Index Fund 2299210 2021-12-30
6 Gabelli Utilities Fund 1705500 2021-12-30
7 Vanguard Small Cap Value Index Fund 1455965 2021-12-30
8 Vanguard Extended Market Index Fund 1204306 2021-12-30
9 Price (T.Rowe) Mid-Cap Value Equity Trust 1011543 2021-12-30

% Out Value
0 0.0435 241494970
1 0.0408 238591086
2 0.0283 165560928
3 0.0276 153499629
4 0.0263 153668792
5 0.0251 147011487
6 0.0186 109049670
7 0.0159 93094402
8 0.0132 77003325
9 0.0111 64678059]

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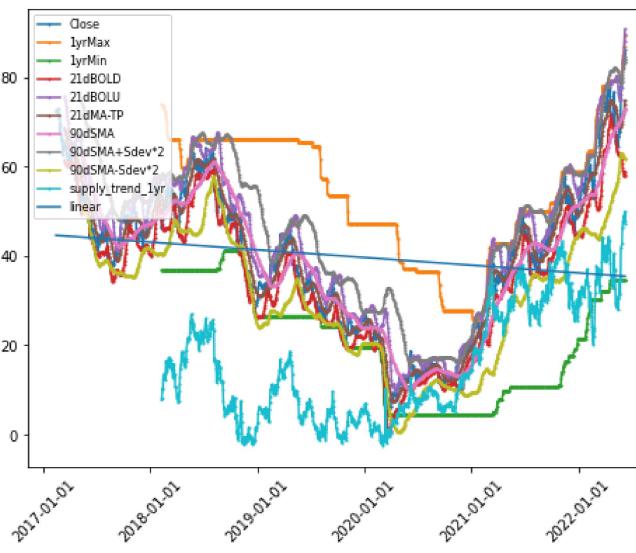
PDCE

Index: SP400

Sector: Energy

Supply trend: 26294633.055975795

Risk trend factor: 2.6335961140263304



beta currentRatio debtToEquity dividendRate dividendYield \\\nPDCE 2.747277 0.575 34.654 1.4 0.0164

ebitda ebitdaMargins forwardPE freeCashflow grossMargins \\\nPDCE 1255468032 0.45227 4.092647 598676224 0.89205

grossProfits heldPercentInstitutions industry marketCap \\\nPDCE 2111095000 0.97868 Oil & Gas E&P 8288278016

operatingCashflow operatingMargins payoutRatio pegRatio priceToBook \\\nPDCE 1683784960 0.21746 0.1225 0.17 2.888328

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \\\nPDCE 2.985751 0.1799 0.555 0.06877

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \\\nPDCE 0.18662 0.877 28.416 Energy 99272704

shortRatio totalCash totalCashPerShare totalDebt totalRevenue \\\nPDCE 6.72 171156992 1.794 958110016 2775943936

trailingPE
PDCE 16.581926
2022-06-10

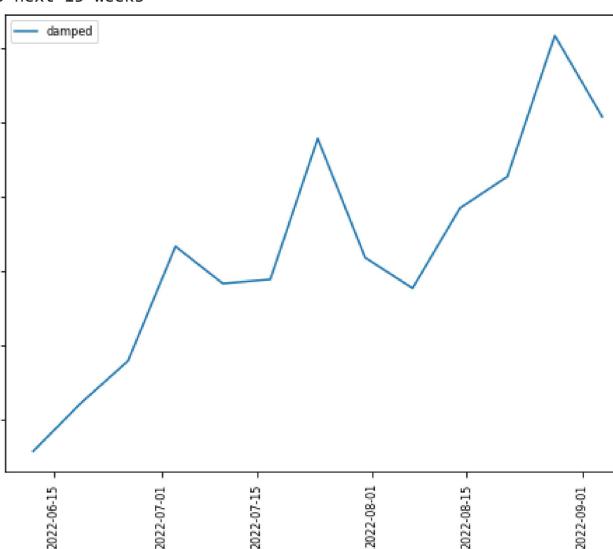
21dBOLD 21dMA-TP 21dBOLU

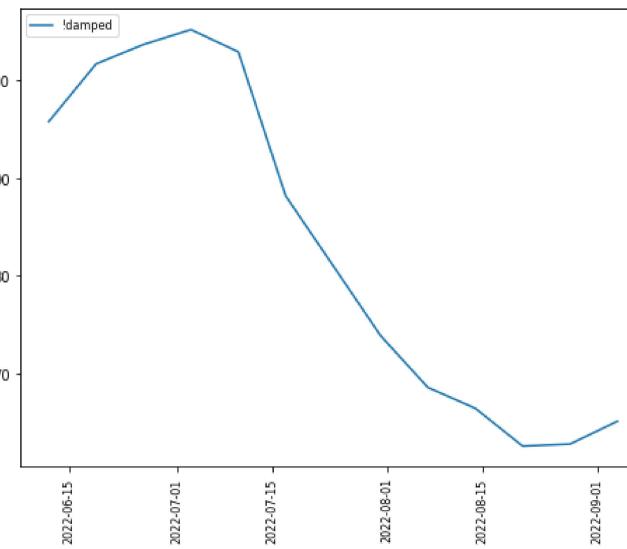
2022-06-10 58.883591 74.841111 90.798632

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
---------------	----------	-------------	---------	-----	-------

PDCE 1.125975 84.129997 26294633.055976 0.935258 0.76826 0.495944

ets next 13 weeks





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2
['options', ('2022-07-15', '2022-12-16')]
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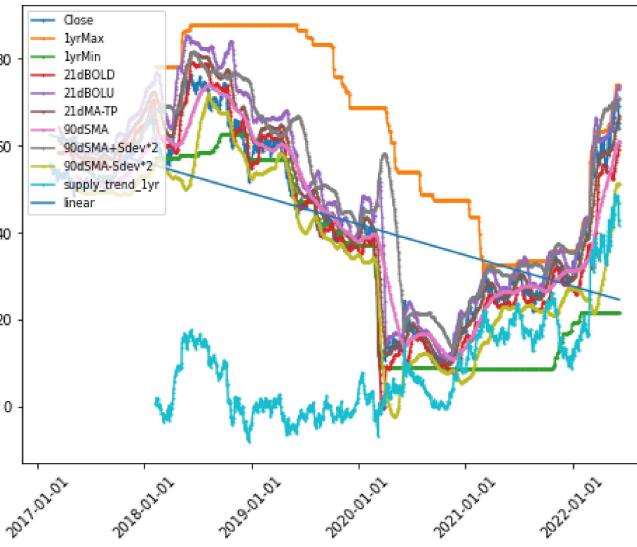
OXY

Index: SP500

Sector: Energy

supply trend: 312554843.6459909

risk trend factor: 2.6206123783270985



```
beta currentRatio debtToEquity dividendRate dividendYield \
OXY 1.955081 1.156 111.198 0.52 0.0075
```

```
ebitda ebitdaMargins forwardPE freeCashflow grossMargins \
OXY 15392000000 0.53054 8.023869 9129875456 0.64697
```

```
grossProfits heldPercentInstitutions industry marketCap \
OXY 16297000000 0.82201 Oil & Gas E&P 59858386944
```

```
operatingCashflow operatingMargins payoutRatio pegRatio priceToBook \
OXY 12762999808 0.25255 0.0242 0.27 3.952352
```

```
priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
OXY 2.063229 0.25314 0.844 0.05964
```

```
returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
OXY 0.34101 0.577 30.999 Energy 937190976
```

```
shortRatio totalCash totalCashPerShare totalDebt totalRevenue \
OXY 1.91 1908999936 2.037 27696001024 29012000768
```

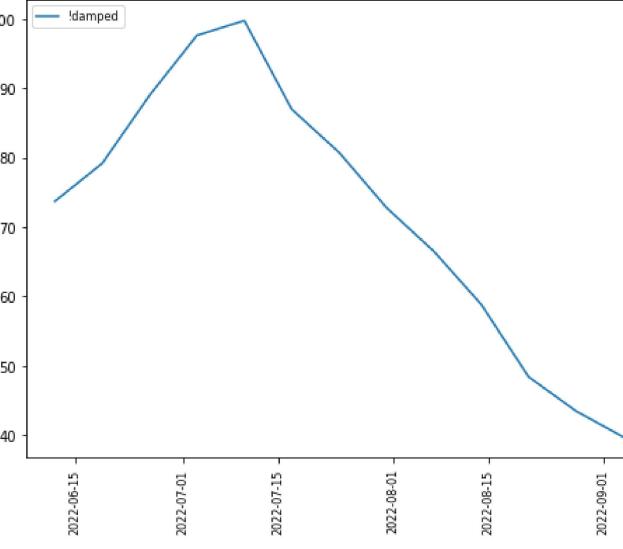
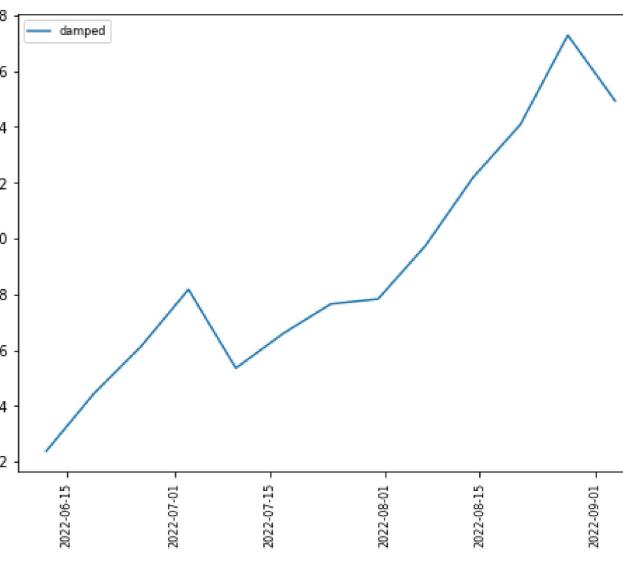
trailingPE
OXY 9.548512
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 60.711375 66.862064 73.012753

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
OXY	1.797943	63.869999	312554843.645991	0.84478	0.777852	0.546207

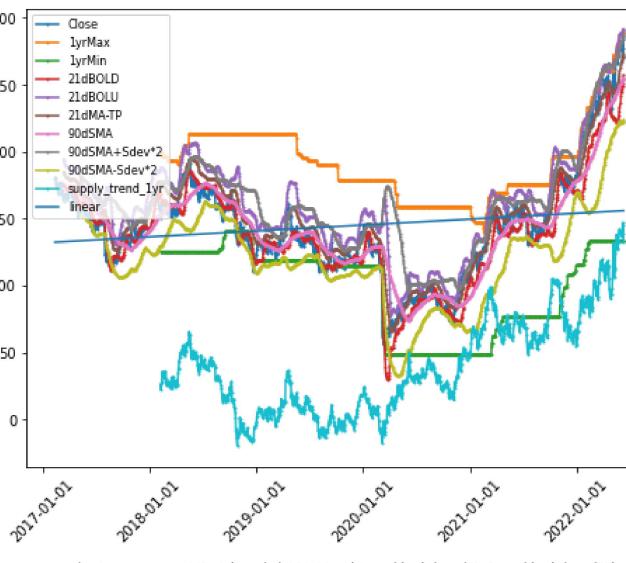
ets next 13 weeks



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4
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27
['sustainability',                               Value
2022-5
palmOil                      False
controversialWeapons          False
gambling                      False
socialScore                   12.04
nuclear                       False
furLeather                    False
alcoholic                     False
gmo                           False
catholic                      False
socialPercentile              None
peerCount                     66
governanceScore               6.88
environmentPercentile         None
animalTesting                 False
tobacco                       False
totalEsg                      43.53
highestControversy            2
esgPerformance                LEAD_PERF
coal                          False
pesticides                    False
adult                         False
percentile                    92.95
peerGroup                     Oil & Gas Producers
smallArms                     False
environmentScore              24.61
governancePercentile          None
militaryContract              False]
PXD
Index: SP500
Sector: Energy
supply trend: 41581229.50075643
risk trend factor: 2.603257694027524

```



```
beta currentRatio debtToEquity dividendRate dividendYield \
PXD 1.535843 1.541 25.456 12.34 0.0433
```

```
ebitda ebitdaMargins forwardPE freeCashflow grossMargins \
PXD 9187000320 0.43846 10.46792 2404124928 0.53944
```

```
grossProfits heldPercentInstitutions industry marketCap \
PXD 9392000000 0.92193 Oil & Gas E&P 68689747968
```

```
operatingCashflow operatingMargins payoutRatio pegRatio priceToBook \
PXD 8265999872 0.31175 0.3288 0.53 2.90227
```

```
priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
PXD 3.278277 0.2003 1.404 0.12148
```

```
returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
PXD 0.20075 1.006 86.852 Energy 241959008
```

```
shortRatio totalCash totalCashPerShare totalDebt totalRevenue \
PXD 2.65 3256000000 13.457 6024999936 20952999936
```

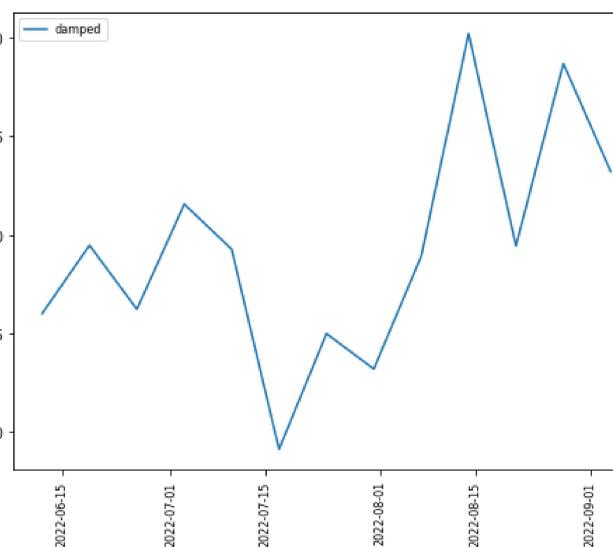
```
trailingPE
PXD 17.432608
2022-06-10
```

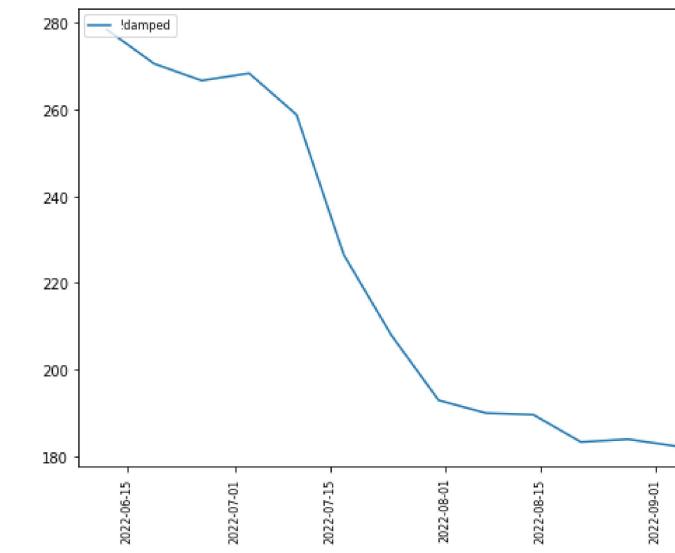
21dBOLD 21dMA-TP 21dBOLU

```
2022-06-10 256.919894 273.316666 289.713438
```

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
PXD	1.167952	270.869995	41581229.500756	0.916981	0.935146	0.498349

ets next 13 weeks





```
3
['options', ('2022-06-17', '2023-01-20', '2024-01-19')]
27
```

```
['sustainability', Value]
```

```
2022-5
palmOil False
controversialWeapons False
gambling False
socialScore 8.97
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 66
governanceScore 9.1
environmentPercentile None
animalTesting False
tobacco False
totalEsg 36.53
highestControversy 1
esgPerformance OUT_PERF
coal False
pesticides False
adult False
percentile 81.93
peerGroup Oil & Gas Producers
smallArms False
environmentScore 18.46
governancePercentile None
militaryContract False]
```

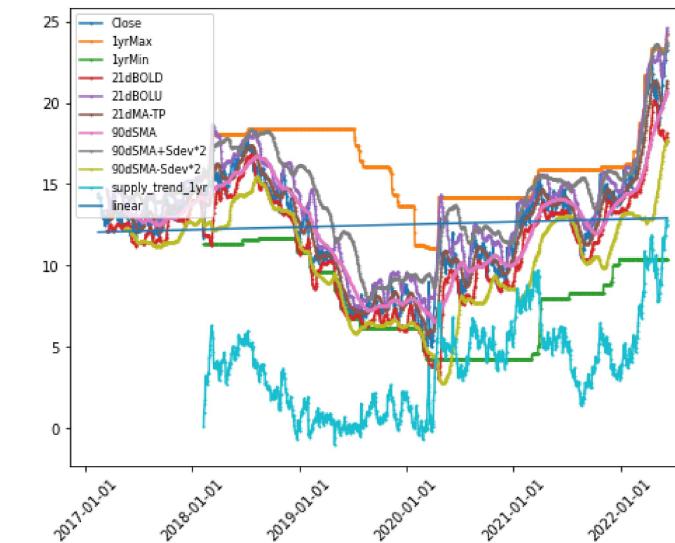
CNX

Index: SP400

Sector: Energy

supply trend: 79583176.67170954

risk trend factor: 2.5762984369029858



```

beta currentRatio debtToEquity      ebitda ebitdaMargins forwardPE \
CNX  1.261343        0.196       88.804 -1381751040      -0.50108  7.664496

freeCashflow grossMargins grossProfits heldPercentInstitutions \
CNX  56837376        0.8006    1866027000          0.97671

industry marketCap operatingCashflow operatingMargins payoutRatio \
CNX  Oil & Gas E&P 4589103104        1043104000      -0.68414        0

pegRatio priceToBook priceToSalesTrailing12Months profitMargins \
CNX  0.19        1.786908           1.664207      -0.55108

quickRatio returnOnAssets returnOnEquity revenueGrowth revenuePerShare \
CNX  0.132       -0.14474      -0.42927       0.852      13.072

sector sharesOutstanding shortRatio totalCash totalCashPerShare \
CNX  Energy      195032000        9.57  13338000        0.068

totalDebt totalRevenue
CNX  2281821952    2757531904
2022-06-10

```

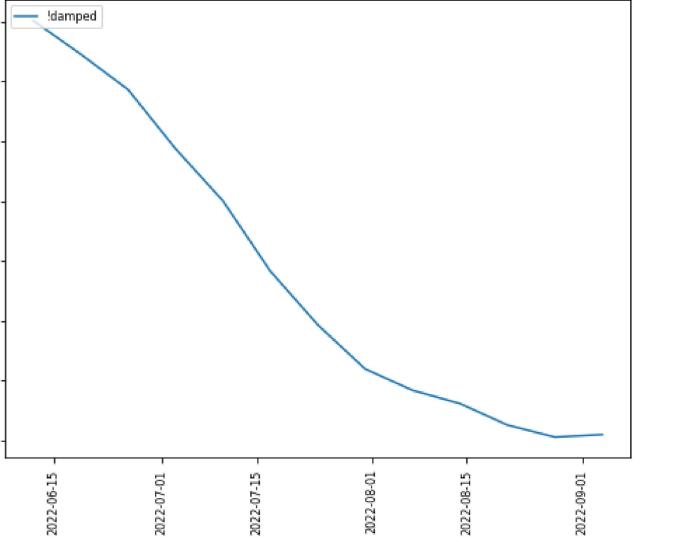
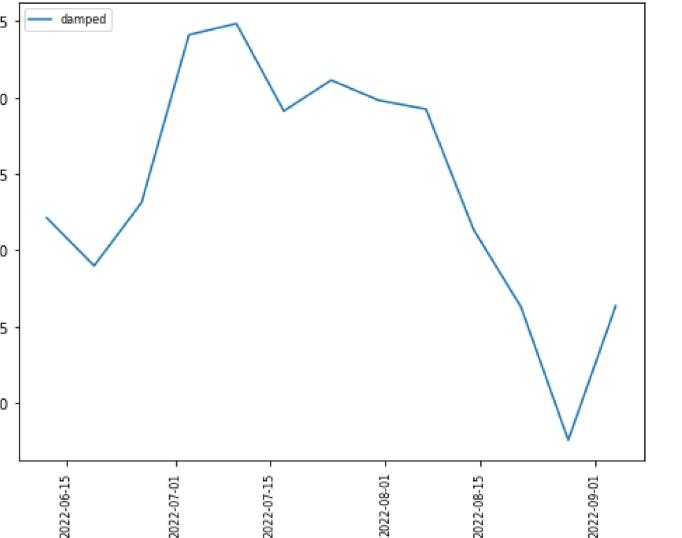
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 18.125204 21.358571 24.591938

volume_factor latest_p vol_30d_2yr pct_2yr adf hurst

CNX 0.90438 23.24 79583176.67171 0.940271 0.784231 0.406859

ets next 13 weeks



2
['options', ('2022-07-15', '2023-01-20')]

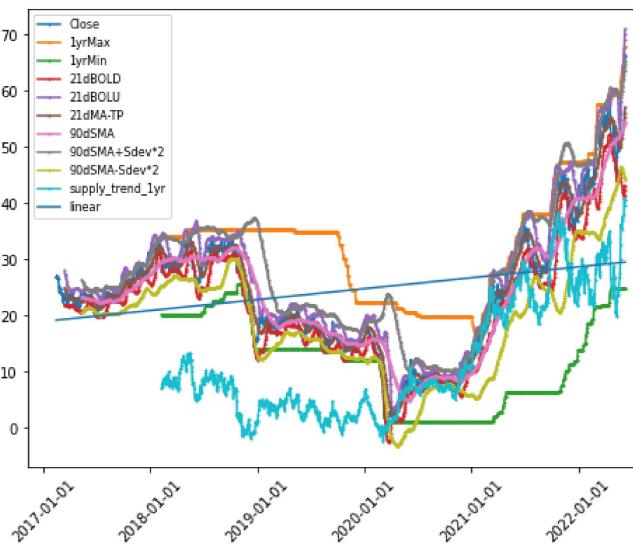
MTDR

Index: SP400

Sector: Energy

supply trend: 50876450.52950076

risk trend factor: 2.5519542477276707



```

beta currentRatio debtToEquity dividendRate dividendYield \
MTDR 4.053921      0.997     64.085      0.2      0.0044

earningsGrowth      ebitda ebitdaMargins forwardPE freeCashflow \
MTDR 2.392    1377725952      0.66904    10.304898    33695376

grossMargins grossProfits heldPercentInstitutions industry \
MTDR 0.84283    1462239000      0.93761    Oil & Gas E&P

marketCap operatingCashflow operatingMargins payoutRatio pegRatio \
MTDR 7653827584      1212914048      0.49033      0.0245      0.42

priceToBook priceToSalesTrailing12Months profitMargins quickRatio \
MTDR 4.525147      3.716796      0.3552      0.801

returnOnAssets returnOnEquity revenueGrowth revenuePerShare sector \
MTDR 0.15195      0.40598      0.973      17.558 Energy

sharesOutstanding shortRatio totalCash totalCashPerShare totalDebt \
MTDR 117336000      2.66    63001000      0.534    1497975040

totalRevenue trailingPE
MTDR 2059254016    27.407562
2022-06-10

```

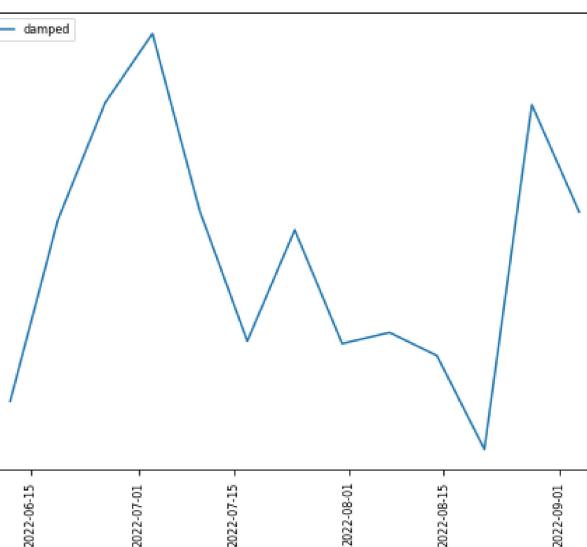
21dBOLD 21dMA-TP 21dBOLU

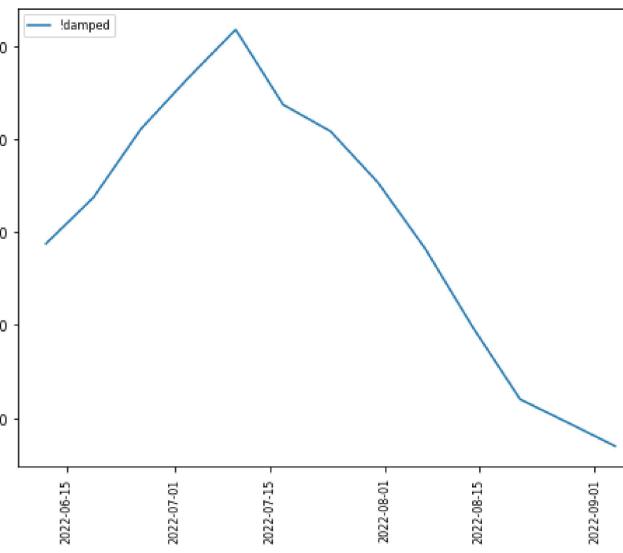
2022-06-10 43.121122 57.022299 70.923475

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
---------------	----------	-------------	---------	-----	-------

MTDR	0.613531	65.230003	50876450.529501	0.95853	0.987482	0.46805
------	----------	-----------	-----------------	---------	----------	---------

ets next 13 weeks





22					
	'quarterly_balance_sheet',		2022-03-31	2021-12-31	2021-09-30 \
Capital Surplus	2.087788e+09	2.077592e+09	2.069484e+09		
Total Liab	2.229864e+09	2.134765e+09	2.077593e+09		
Total Stockholder Equity	2.118600e+09	1.907210e+09	1.688007e+09		
Minority Interest	2.188640e+08	2.201780e+08	2.198930e+08		
Other Current Liab	3.095620e+08	2.075790e+08	2.648190e+08		
Total Assets	4.567328e+09	4.262153e+09	3.985493e+09		
Common Stock	1.181000e+06	1.179000e+06	1.172000e+06		
Other Current Assets	5.734600e+07	4.075600e+07	3.782000e+07		
Retained Earnings	2.994000e+07	-1.713180e+08	-3.802680e+08		
Other Liab	1.939550e+08	1.269630e+08	6.975800e+07		
Treasury Stock	-3.090000e+05	-2.430000e+05	-2.381000e+06		
Other Assets	3.542400e+07	4.644000e+06	5.268400e+07		
Cash	6.300100e+07	4.813500e+07	7.312800e+07		
Total Current Liabilities	5.379340e+08	4.648370e+08	4.727520e+08		
Property Plant Equipment	3.995641e+09	3.886204e+09	3.536181e+09		
Total Current Assets	5.362630e+08	3.713050e+08	3.966280e+08		
Net Tangible Assets	2.118600e+09	1.907210e+09	1.688007e+09		
Net Receivables	3.676440e+08	2.414160e+08	2.483540e+08		
Long Term Debt	1.497975e+09	1.527580e+09	1.519684e+09		
Inventory	1.245600e+07	1.218800e+07	1.213700e+07		
Accounts Payable	3.397300e+07	2.625600e+07	3.340200e+07		
Deferred Long Term Asset Charges	NaN	NaN	1.387800e+07		
	2021-06-30				
Capital Surplus	2.061815e+09				
Total Liab	2.132423e+09				
Total Stockholder Equity	1.479762e+09				
Minority Interest	2.223640e+08				
Other Current Liab	2.386310e+08				
Total Assets	3.834549e+09				
Common Stock	1.171000e+06				
Other Current Assets	4.074700e+07				
Retained Earnings	-5.809810e+08				
Other Liab	5.910300e+07				
Treasury Stock	-2.243000e+06				
Other Assets	3.889100e+07				
Cash	4.463200e+07				
Total Current Liabilities	4.225800e+08				
Property Plant Equipment	3.462030e+09				
Total Current Assets	3.336280e+08				
Net Tangible Assets	1.479762e+09				
Net Receivables	2.160330e+08				
Long Term Debt	1.634289e+09				
Inventory	1.165700e+07				
Accounts Payable	1.357300e+07				
Deferred Long Term Asset Charges	NaN]			
17					
	'quarterly_cashflow',		2022-03-31	2021-12-31	\
Change To Liabilities	-5668000.0	16272000.0			
Total Cashflows From Investing Activities	-251896000.0	-345587000.0			
Net Borrowings	-30000000.0	7500000.0			
Total Cash From Financing Activities	-43821000.0	-9813000.0			
Change To Operating Activities	-8248000.0	4778000.0			
Net Income	207124000.0	214790000.0			
Change In Cash	33237000.0	-20871000.0			
Repurchase Of Stock	-12184000.0	-4050000.0			
Total Cash From Operating Activities	328954000.0	334529000.0			
Depreciation	96396000.0	90076000.0			
Dividends Paid	-5866000.0	-5840000.0			
Change To Inventory	-78000.0	-358000.0			
Change To Account Receivables	-125345000.0	12765000.0			
Other Cashflows From Financing Activities	4229000.0	-8545000.0			
Change To Netincome	148421000.0	-5010000.0			
Capital Expenditures	-263807000.0	-345587000.0			
Issuance Of Stock	NaN	1122000.0			
	2021-09-30	2021-06-30			
Change To Liabilities	26274000.0	25785000.0			
Total Cashflows From Investing Activities	-132556000.0	-142227000.0			
Net Borrowings	-115000000.0	-81500000.0			
Total Cash From Financing Activities	-130092000.0	-85022000.0			
Change To Operating Activities	2123000.0	7519000.0			
Net Income	203628000.0	105905000.0			
Change In Cash	28583000.0	30951000.0			
Repurchase Of Stock	-1277000.0	-1163000.0			
Total Cash From Operating Activities	291231000.0	258200000.0			
Depreciation	89579000.0	91955000.0			
Dividends Paid	-2915000.0	-2913000.0			
Change To Inventory	-742000.0	-549000.0			
Change To Account Receivables	-32321000.0	-39220000.0			
Other Cashflows From Financing Activities	-11113000.0	554000.0			
Change To Netincome	1902000.0	65874000.0			
Capital Expenditures	-136475000.0	-142243000.0			
Issuance Of Stock	213000.0	213000.0]		
4					
	'quarterly_earnings',	Revenue	Earnings		
Quarter					
2Q2021	388042000	105905000			
3Q2021	485921000	203628000			
4Q2021	522131000	214790000			

1Q2022 614460000 207124000]

22

```
[ 'quarterly_financials',
Research Development           None      None      None
Effect Of Accounting Charges   None      None      None
Income Before Tax              292713000.0 304467000.0 211361000.0
Minority Interest               218864000.0 220178000.0 219893000.0
Net Income                      207124000.0 214790000.0 203628000.0
Selling General Administrative 29733000.0 51878000.0 24633000.0
Gross Profit                     532904000.0 463048000.0 392768000.0
Ebit                           309387000.0 325121000.0 230186000.0
Operating Income                 309387000.0 325121000.0 230186000.0
Other Operating Expenses         98011000.0 -3488000.0 48888000.0
Interest Expense                 -16252000.0 -19108000.0 -17989000.0
Extraordinary Items             None      None      None
Non Recurring                   None      None      None
Other Items                      None      None      None
Income Tax Expense               68528000.0 73222000.0 -6701000.0
Total Revenue                    614460000.0 522131000.0 485921000.0
Total Operating Expenses          305153000.0 197010000.0 255735000.0
Cost Of Revenue                  81556000.0 59083000.0 93153000.0
Total Other Income Expense Net  -16594000.0 -20654000.0 -18825000.0
Discontinued Operations          None      None      None
Net Income From Continuing Ops  224185000.0 231245000.0 218062000.0
Net Income Applicable To Common Shares 207124000.0 214790000.0 203628000.0
```

2021-06-30

```
Research Development             None
Effect Of Accounting Charges    None
Income Before Tax               127180000.0
Minority Interest                222364000.0
Net Income                      105905000.0
Selling General Administrative  24397000.0
Gross Profit                     346873000.0
Ebit                            145106000.0
Operating Income                 145106000.0
Other Operating Expenses          85926000.0
Interest Expense                 -17940000.0
Extraordinary Items             None
Non Recurring                   None
Other Items                      None
Income Tax Expense               5349000.0
Total Revenue                    388042000.0
Total Operating Expenses          242936000.0
Cost Of Revenue                  41169000.0
Total Other Income Expense Net  -17926000.0
Discontinued Operations          None
Net Income From Continuing Ops  121831000.0
Net Income Applicable To Common Shares 105905000.0 ]
```

10

```
[ 'mutualfund_holders',
Holder      Shares Date Reported \
0 iShares Core S&P Smallcap ETF 7759051 2022-01-30
1 Vanguard Total Stock Market Index Fund 3003516 2021-12-30
2 Vanguard Small-Cap Index Fund 2658743 2021-12-30
3 iShares Russell 2000 ETF 2526278 2022-01-30
4 SPDR (R) Ser Tr-SPDR (R) S&P (R) Oil & Gas Exp... 2255808 2022-01-30
5 Price (T.Rowe) Small-Cap Value Fund 2233160 2021-12-30
6 DFA U.S. Small Cap Value Series 2183508 2022-01-30
7 Vanguard Small-Cap Growth Index Fund 1654888 2021-12-30
8 AB Cap Fd.-AB Small Cap Growth Port 1624213 2022-01-30
9 Vanguard Extended Market Index Fund 1457386 2021-12-30
```

```
% Out      Value
0 0.0657  347372713
1 0.0254  110889810
2 0.0225  98160791
3 0.0214  113101466
4 0.0191  100992524
5 0.0189  82448267
6 0.0185  97755653
7 0.0140  61098464
8 0.0137  72716016
9 0.0123  53806691 ]
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3

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[ 'options', ('2022-06-17', '2022-07-15', '2023-01-20')]
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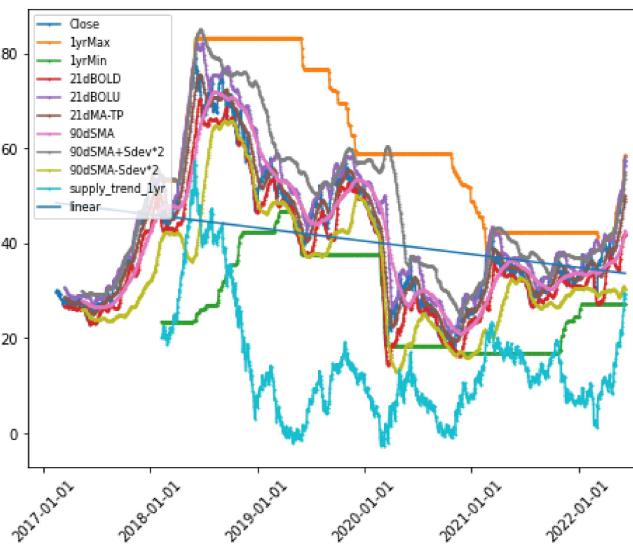
DINO

Index: SP400

Sector: Energy

Supply trend: 51935930.33282904

Risk trend factor: 2.525423827441188



beta currentRatio debtToEquity dividendRate dividendYield \\\nDINO 1.54401 1.728 43.018 1.6 0.0278

earningsGrowth ebitda ebitdaMargins forwardPE freeCashflow \\\nDINO 0 1260462976 0.05641 10.206038 -1079519232

grossMargins grossProfits heldPercentInstitutions \\\nDINO 0.0784 1615735000 0.62669

industry marketCap operatingCashflow \\\nDINO Oil & Gas Refining & Marketing 12826910720 805392000

operatingMargins payoutRatio pegRatio priceToBook \\\nDINO 0.03909 0.1032 0.35 1.580395

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \\\nDINO 0.574075 0.02551 0.791 0.03679

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \\\nDINO 0.09048 1.128 134.828 Energy 223232000

shortRatio totalCash totalCashPerShare totalDebt totalRevenue \\\nDINO 3.27 592278016 2.653 3818710016 22343598080

trailingPE\nDINO 16.929876

2022-06-10

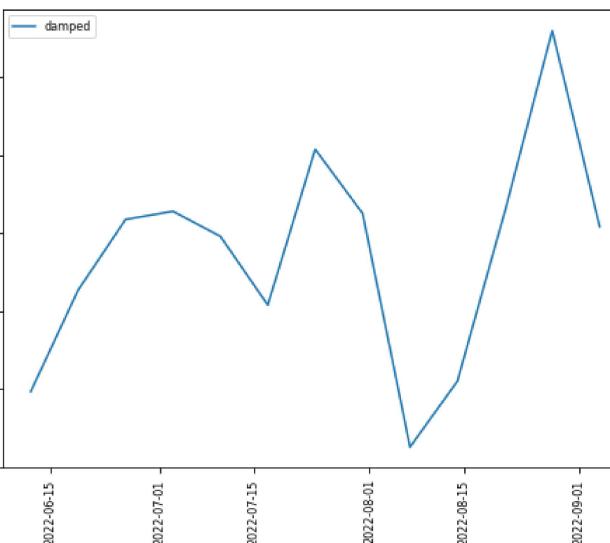
21dBOLD 21dMA-TP 21dBOLU

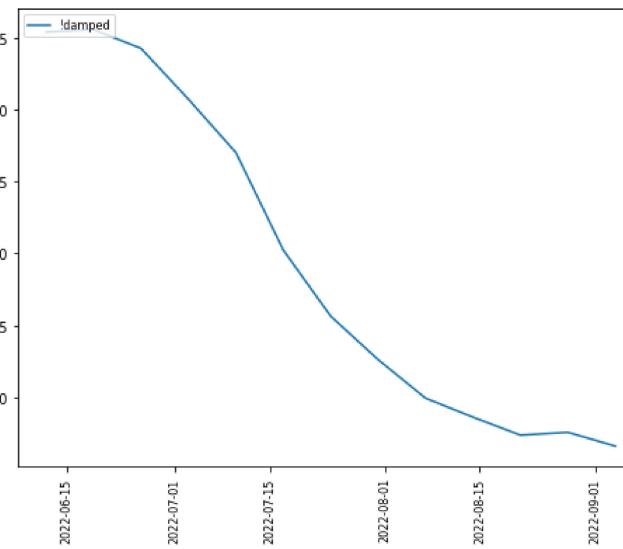
2022-06-10 41.96407 50.064286 58.164501

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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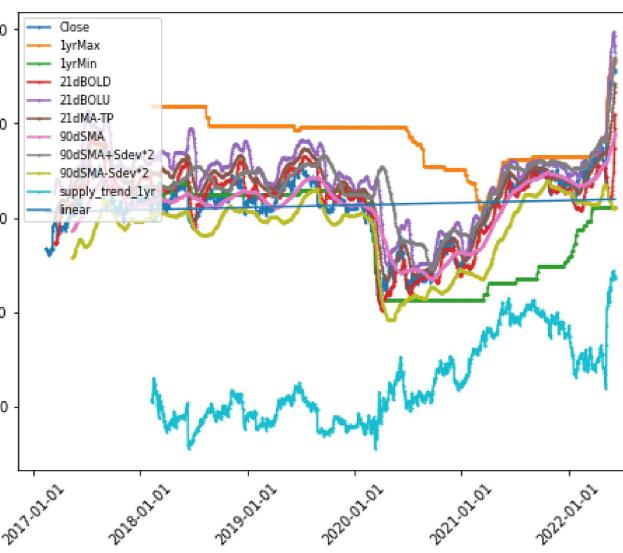
DINO 0.964968 56.369999 51935930.332829 0.948909 0.412505 0.562704

ets next 13 weeks





HRB
Index: SP400
Sector: Consumer Cyclical
supply trend: 61640658.16944024
risk trend factor: 2.3710165833660994



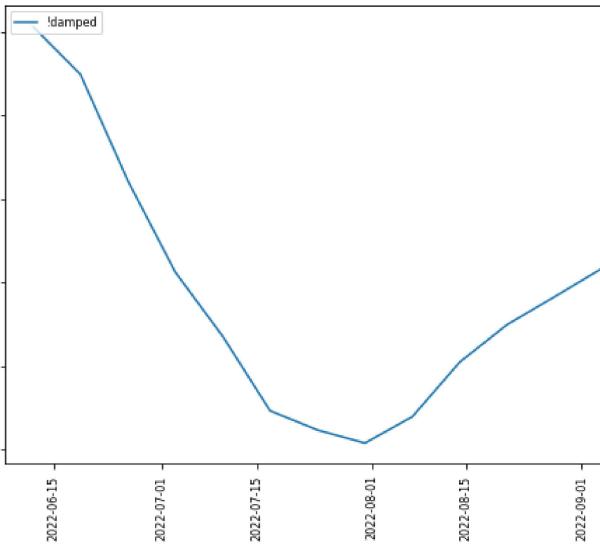
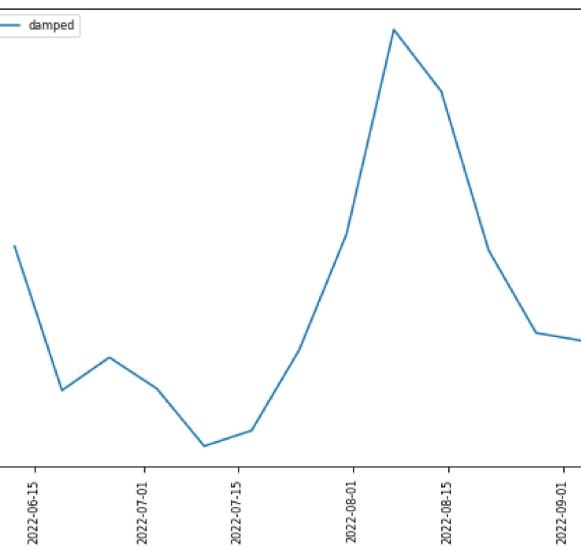
	beta	currentRatio	debtToEquity	dividendRate	dividendYield	\
HRB	0.695099	1.103	5314.905	1.08	0.0298	
	earningsGrowth	ebitda	ebitdaMargins	forwardPE	grossMargins	\
HRB	-0.008	806428032	0.30238	9.67663	0.472	
	grossProfits	heldPercentInstitutions	industry	marketCap	\	
HRB	1400058000	0.93154	Personal Services	5683142656		
	operatingCashflow	operatingMargins	payoutRatio	pegRatio	priceToBook	\
HRB	80728000	0.25066	0.3344	1.05	126.72598	
	priceToSalesTrailing12Months	profitMargins	quickRatio	revenueGrowth	\	
HRB	2.130946	0.16063	0.971	0.039		
	revenuePerShare	sector	sharesOutstanding	shortRatio	\	
HRB	15.645	Consumer Cyclical	159594000	4.71		
	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE	
HRB	1041740032	6.527	2384054016	2666958080	14.570376	
	2022-06-10					

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 30.968201 34.265079 37.561958

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
HRB	1.155552	35.450001	61640658.16944	0.941968	0.838883	0.43511

ets next 13 weeks



```
3
['options', ('2022-07-15', '2023-01-20', '2024-01-19')]
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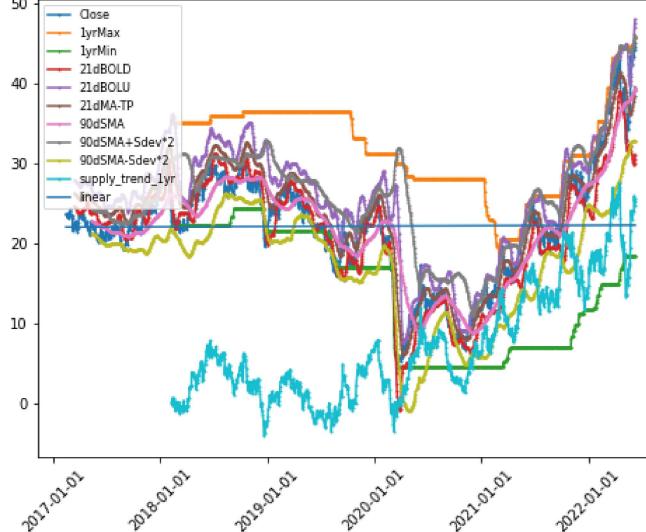
MUR

Index: SP400

Sector: Energy

supply trend: 60623530.18154312

risk trend factor: 2.3198869089480696



```

beta currentRatio debtToEquity dividendRate dividendYield      ebitda \
MUR 2.55625          0.6     80.704        0.7      0.0161 1488126976 \
ebitdaMargins forwardPE freeCashflow grossMargins grossProfits \
MUR 0.48315 5.593307 1159256320 0.81723 2271014000 \
heldPercentInstitutions industry marketCap operatingCashflow \
MUR 0.83585 Oil & Gas E&P 6752466944 1522727040 \
operatingMargins payoutRatio pegRatio priceToBook \
MUR 0.21109 0.7836 0.18 1.674372 \
priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \
MUR 2.192315 0.03261 0.533 0.03902 \
returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \
MUR 0.06042 0.471 19.932 Energy 155372000 \
shortRatio totalCash totalCashPerShare totalDebt totalRevenue \
MUR 4.37 480587008 3.093 3393031936 3080061952 \
trailingPE
MUR 66.96456
2022-06-10

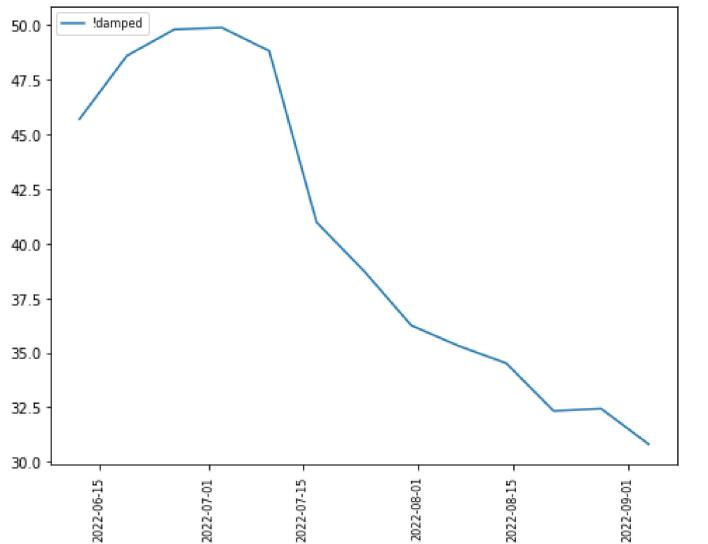
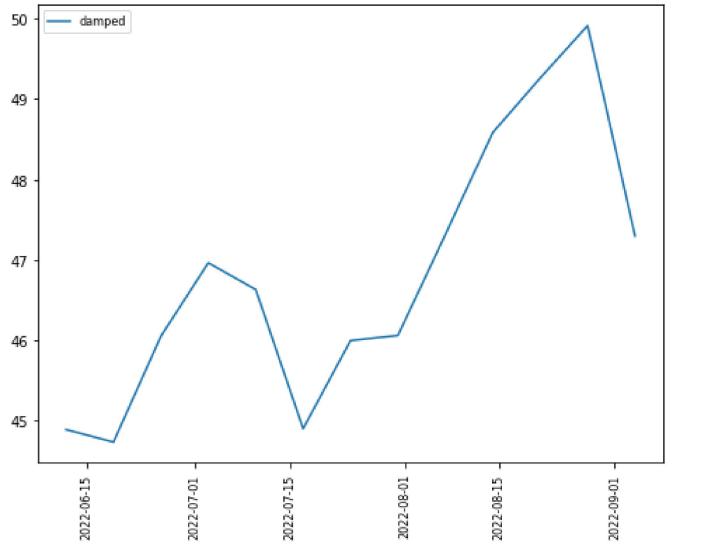
```

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 31.102213 39.549445 47.996677

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MUR	0.567049	44.150002	60623530.181543	0.957721	0.869435	0.455651

ets next 13 weeks



5
['options', ('2022-06-17', '2022-07-15', '2022-12-16', '2023-01-20', '2024-01-19')]

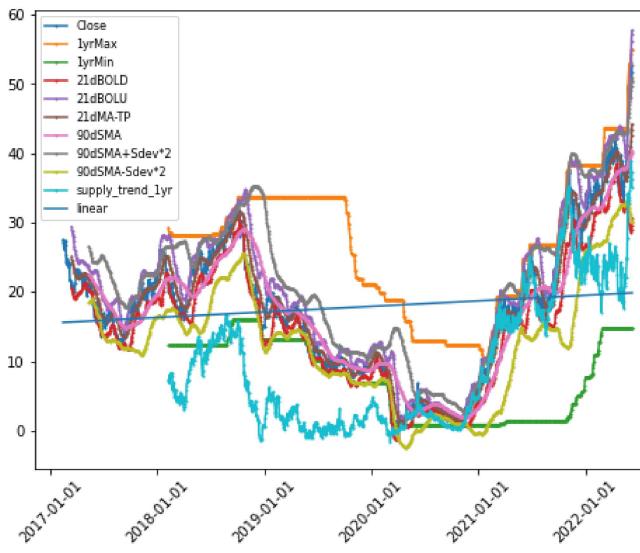
SM

Index: SP600

Sector: Energy

supply trend: 82761362.10287443

risk trend factor: 2.2682714381373863



beta currentRatio debtToEquity dividendRate dividendYield ebitda \

SM 5.488235 0.717 93.916 0.02 0.0006 1315937024

ebitdaMargins forwardPE freeCashflow grossMargins grossProfits \

SM 0.45427 10.711865 570353344 0.8671 2136878000

heldPercentInstitutions industry marketCap operatingCashflow \

SM 0.88028 Oil & Gas E&P 6141725696 1396240000

operatingMargins payoutRatio pegRatio priceToBook \

SM 0.18012 0.007 0.12 3.752134

priceToSalesTrailing12Months profitMargins quickRatio returnOnAssets \

SM 2.120158 0.11608 0.7 0.06264

returnOnEquity revenueGrowth revenuePerShare sector sharesOutstanding \

SM 0.17312 0.931 23.974 Energy 121474000

shortRatio totalCash totalCashPerShare totalDebt totalRevenue

SM 2.26 419887008 3.446 1986428032 2896824064

2022-06-10

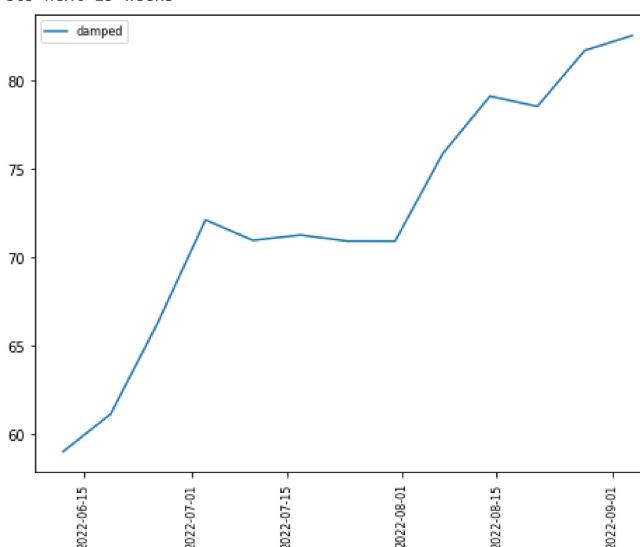
21dBOLD 21dMA-TP 21dBOLU

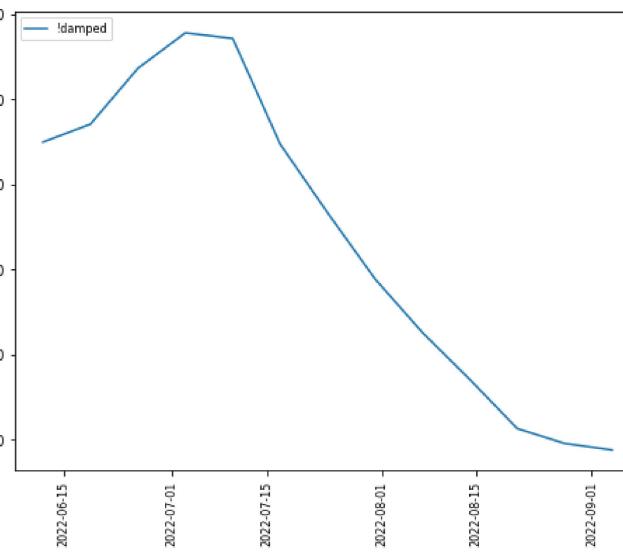
2022-06-10 30.683761 44.192381 57.701002

volume_factor latest_p vol_30d_2yr pct_2yr adf hurst

SM 0.612742 50.560001 82761362.102874 0.91777 0.976245 0.479096

ets next 13 weeks





21

	2022-03-31	2021-12-31	2021-09-30	\
['quarterly_balance_sheet',				
Capital Surplus	1.844478e+09	1.840228e+09	1.838620e+09	
Total Liab	3.280672e+09	3.170846e+09	3.425061e+09	
Total Stockholder Equity	2.115109e+09	2.063131e+09	1.636899e+09	
Deferred Long Term Liab	2.300000e+06	2.700000e+06	3.100000e+06	
Other Current Liab	5.381270e+08	4.047460e+08	5.520440e+08	
Total Assets	5.395781e+09	5.233977e+09	5.061960e+09	
Common Stock	1.219000e+06	1.219000e+06	1.215000e+06	
Other Current Assets	9.649000e+06	2.409500e+07	2.451400e+07	
Retained Earnings	2.828790e+08	2.345330e+08	-1.903670e+08	
Other Liab	2.415590e+08	1.809150e+08	2.438640e+08	
Treasury Stock	-1.266700e+07	-1.284900e+07	-1.256900e+07	
Other Assets	5.397300e+07	2.576600e+07	6.020700e+07	
Cash	4.198870e+08	3.327160e+08	2.980000e+07	
Total Current Liabilities	1.058721e+09	8.893270e+08	1.103567e+09	
Other Stockholder Equity	-1.266700e+07	-1.284900e+07	-1.256900e+07	
Property Plant Equipment	4.582973e+09	4.595024e+09	4.665483e+09	
Total Current Assets	7.588350e+08	6.131870e+08	3.362700e+08	
Net Tangible Assets	2.115109e+09	2.063131e+09	1.636899e+09	
Net Receivables	3.210760e+08	2.472010e+08	2.722480e+08	
Long Term Debt	1.980392e+09	2.081164e+09	2.077630e+09	
Accounts Payable	5.145580e+08	2.507200e+07	5.424740e+08	
	2021-06-30			
Capital Surplus	1.838859e+09			
Total Liab	3.500489e+09			
Total Stockholder Equity	1.552509e+09			
Deferred Long Term Liab	3.500000e+06			
Other Current Liab	5.450620e+08			
Total Assets	5.052998e+09			
Common Stock	1.210000e+06			
Other Current Assets	3.130300e+07			
Retained Earnings	-2.747450e+08			
Other Liab	2.566960e+08			
Treasury Stock	-1.281500e+07			
Other Assets	6.877900e+07			
Cash	NaN			
Total Current Liabilities	1.051668e+09			
Other Stockholder Equity	-1.281500e+07			
Property Plant Equipment	4.714809e+09			
Total Current Assets	2.694100e+08			
Net Tangible Assets	1.552509e+09			
Net Receivables	2.295120e+08			
Long Term Debt	2.192125e+09			
Accounts Payable	4.962850e+08]		

16

	2022-03-31	2021-12-31	\
['quarterly_cashflow',			
Change To Liabilities	0.0	21823800.0	
Total Cashflows From Investing Activities	-150127000.0	-122484000.0	
Net Borrowings	-104770000.0	-104770000.0	
Total Cash From Financing Activities	-104794000.0	-4230000.0	
Change To Operating Activities	-137962000.0	-51950000.0	
Net Income	48764000.0	424900000.0	
Change In Cash	87171000.0	302916000.0	
Total Cash From Operating Activities	342092000.0	429630000.0	
Depreciation	160481000.0	208761000.0	
Other Cashflows From Financing Activities	-24000.0	-4339000.0	
Change To Netincome	266799000.0	-273197000.0	
Capital Expenditures	-150127000.0	-124576000.0	
Issuance Of Stock	NaN	1324000.0	
Dividends Paid	NaN	-1215000.0	
Change To Account Receivables	NaN	-101047000.0	
Other Cashflows From Investing Activities	NaN	NaN	
	2021-09-30	2021-06-30	
Change To Liabilities	0.0	0.0	
Total Cashflows From Investing Activities	-174795000.0	-222322000.0	
Net Borrowings	-118792000.0	-74213000.0	
Total Cash From Financing Activities	-123524000.0	-74077000.0	
Change To Operating Activities	21078000.0	82529000.0	
Net Income	85593000.0	-222995000.0	
Change In Cash	29800000.0	29800000.0	
Total Cash From Operating Activities	328119000.0	296399000.0	
Depreciation	211451000.0	213464000.0	
Other Cashflows From Financing Activities	-4732000.0	-1000.0	
Change To Netincome	6092000.0	218679000.0	
Capital Expenditures	-183409000.0	-222614000.0	
Issuance Of Stock	1324000.0	1315000.0	
Dividends Paid	-1215000.0	-1178000.0	
Change To Account Receivables	-101047000.0	-101047000.0	
Other Cashflows From Investing Activities	-221000.0	292000.0]

4

	Revenue	Earnings
['quarterly_earnings',		
Quarter		
2Q2021	538649000	-222995000
3Q2021	724539000	85593000
4Q2021	814260000	424900000
1Q2022	819376000	48764000]

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	2022-03-31	2021-12-31	2021-09-30	\
['quarterly_financials',				
Research Development	None	None	None	

Effect Of Accounting Charges	None	None	None
Income Before Tax	61625000.0	434933000.0	85554000.0
Minority Interest	None	None	None
Net Income	48764000.0	42490000.0	85593000.0
Selling General Administrative	24996000.0	37062000.0	25530000.0
Gross Profit	723085000.0	714875000.0	629894000.0
Ebit	101736000.0	474411000.0	126257000.0
Operating Income	101736000.0	474411000.0	126257000.0
Other Operating Expenses	426826000.0	-17909000.0	257947000.0
Interest Expense	-39387000.0	-40085000.0	-40861000.0
Extraordinary Items	None	None	None
Non Recurring	None	None	None
Other Items	None	None	None
Income Tax Expense	12861000.0	10033000.0	-39000.0
Total Revenue	819376000.0	814260000.0	724539000.0
Total Operating Expenses	717640000.0	339849000.0	598282000.0
Cost Of Revenue	96291000.0	99385000.0	94645000.0
Total Other Income Expense Net	-40111000.0	-39478000.0	-40703000.0
Discontinued Operations	None	None	None
Net Income From Continuing Ops	48764000.0	42490000.0	85593000.0
Net Income Applicable To Common Shares	48764000.0	42490000.0	85593000.0

2021-06-30

Research Development	None
Effect Of Accounting Charges	None
Income Before Tax	-223157000.0
Minority Interest	None
Net Income	-222995000.0
Selling General Administrative	24639000.0
Gross Profit	443993000.0
Ebit	-180624000.0
Operating Income	-180624000.0
Other Operating Expenses	377800000.0
Interest Expense	-39536000.0
Extraordinary Items	None
Non Recurring	None
Other Items	None
Income Tax Expense	-162000.0
Total Revenue	538649000.0
Total Operating Expenses	719273000.0
Cost Of Revenue	94656000.0
Total Other Income Expense Net	-42533000.0
Discontinued Operations	None
Net Income From Continuing Ops	-222995000.0
Net Income Applicable To Common Shares	-222995000.0

]

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0 iShares Core S&P Smallcap ETF 8545223 2022-01-30
1 Vanguard Total Stock Market Index Fund 3454105 2021-12-30
2 Vanguard Small-Cap Index Fund 3058030 2021-12-30
3 iShares Russell 2000 ETF 2729906 2022-01-30
4 SPDR (R) Ser Tr-SPDR (R) S&P (R) Oil & Gas Exp... 2729590 2022-01-30
5 Vanguard Small Cap Value Index Fund 1938357 2021-12-30
6 Vanguard Extended Market Index Fund 1597503 2021-12-30
7 iShares S&P Small-Cap 600 Growth ETF 1404764 2022-01-30
8 First Trust NASDAQ Oil & Gas ETF 1361871 2022-02-27
9 iShares Russell 2000 Value ETF 1284094 2022-01-30
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% Out	Value
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0.0283	101827015
0.0251	90150724
0.0224	89568215
0.0224	89557847
0.0159	57142764
0.0131	47094388
0.0115	46090306
0.0112	48360039
0.0105	42131124

3

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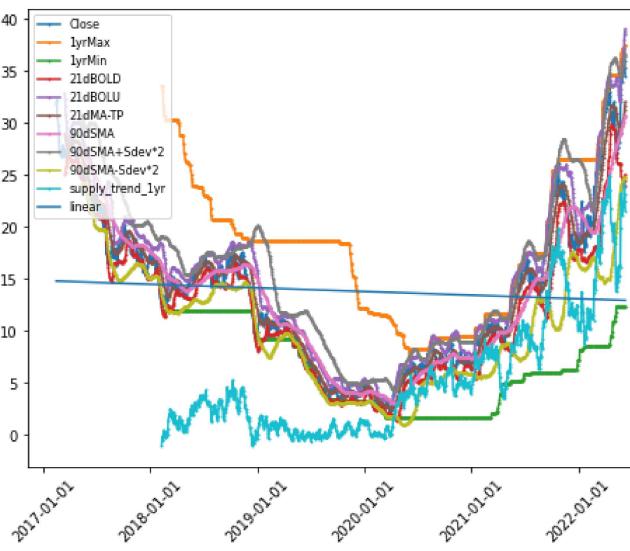
RRC

Index: SP400

Sector: Energy

Supply trend: 159173207.5642965

Risk trend factor: 2.2656514363289952



beta currentRatio debtToEquity ebitda ebitdaMargins forwardPE \

RRC 2.124019 0.246 162.685 458860992 0.11425 9.435616

freeCashflow grossMargins grossProfits heldPercentInstitutions \

RRC 838692352 0.57877 1937478000 0.86655

industry marketCap operatingCashflow operatingMargins payoutRatio \

RRC Oil & Gas E&P 8947339264 1090109952 0.02264 0

pegRatio priceToBook priceToSalesTrailing12Months profitMargins \

RRC 0.28 7.001422 2.227745 -0.01797

quickRatio returnOnAssets returnOnEquity revenueGrowth revenuePerShare \

RRC 0.238 0.00892 -0.04423 0.637 16.483

sector sharesOutstanding shortRatio totalCash totalCashPerShare \

RRC Energy 259795008 3.02 112931000 0.453

totalDebt totalRevenue

RRC 2603130112 4016321024

2022-06-10

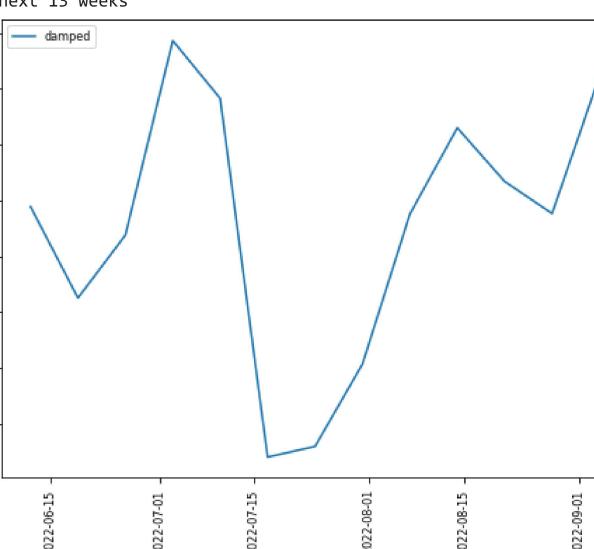
21dBOLD 21dMA-TP 21dBOLU

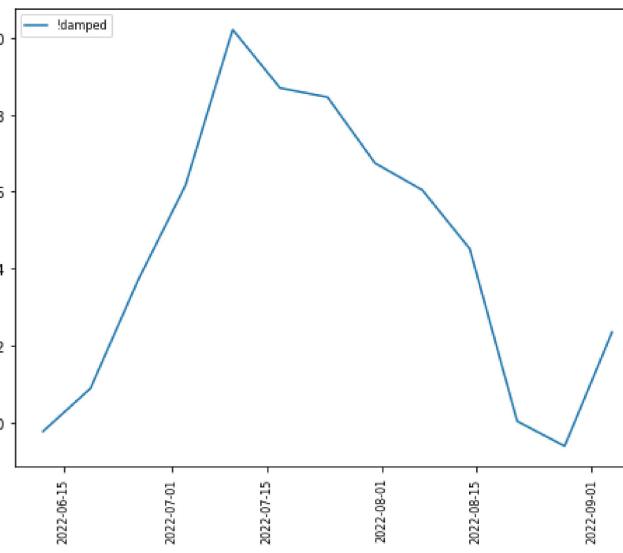
2022-06-10 24.99917 32.004603 39.010036

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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RRC 0.617091 34.439999 159173207.564297 0.907293 0.784588 0.495379

ets next 13 weeks





23					
	'quarterly_balance_sheet',		2022-03-31	2021-12-31	2021-09-30 \
Capital Surplus	5.707652e+09	5.720277e+09	5.707382e+09		
Total Liab	4.960181e+09	4.574844e+09	5.122905e+09		
Total Stockholder Equity	1.600104e+09	2.085663e+09	1.181284e+09		
Other Current Liab	9.381210e+08	2.591970e+08	7.849350e+08		
Total Assets	6.560285e+09	6.660507e+09	6.304189e+09		
Common Stock	2.627000e+06	2.598000e+06	2.598000e+06		
Other Current Assets	2.033800e+07	5.738000e+06	4.518200e+07		
Retained Earnings	-4.063941e+09	-3.607055e+09	-4.498421e+09		
Other Liab	7.692500e+08	6.897480e+08	7.182680e+08		
Treasury Stock	-4.623400e+07	-3.015700e+07	-3.027500e+07		
Other Assets	1.585190e+08	1.133600e+08	1.039020e+08		
Cash	1.129310e+08	2.144220e+08	4.780000e+05		
Total Current Liabilities	2.337284e+09	1.152465e+09	1.646327e+09		
Deferred Long Term Asset Charges	3.543600e+07	NaN	NaN		
Short Long Term Debt	7.494830e+08	2.180170e+08	2.179090e+08		
Other Stockholder Equity	-7.500000e+04	-1.500000e+05	-2.680000e+05		
Property Plant Equipment	5.825971e+09	5.798982e+09	5.787932e+09		
Total Current Assets	5.757950e+08	7.366650e+08	4.123550e+08		
Net Tangible Assets	1.600104e+09	2.085663e+09	1.181284e+09		
Net Receivables	4.425260e+08	5.012750e+08	3.666950e+08		
Long Term Debt	1.829734e+09	2.707770e+09	2.730471e+09		
Accounts Payable	2.342530e+08	1.784130e+08	1.519190e+08		
Long Term Investments	NaN	1.150000e+07	NaN		
	2021-06-30				
Capital Surplus	5.699240e+09				
Total Liab	4.706172e+09				
Total Stockholder Equity	1.523261e+09				
Other Current Liab	3.459160e+08				
Total Assets	6.229433e+09				
Common Stock	2.598000e+06				
Other Current Assets	3.965800e+07				
Retained Earnings	-4.148154e+09				
Other Liab	7.108260e+08				
Treasury Stock	-3.042300e+07				
Other Assets	1.002050e+08				
Cash	4.640000e+05				
Total Current Liabilities	9.259190e+08				
Deferred Long Term Asset Charges	NaN				
Short Long Term Debt	NaN				
Other Stockholder Equity	-3.380000e+05				
Property Plant Equipment	5.789516e+09				
Total Current Assets	3.397120e+08				
Net Tangible Assets	1.523261e+09				
Net Receivables	2.995900e+08				
Long Term Debt	3.036657e+09				
Accounts Payable	1.444540e+08				
Long Term Investments	NaN]			
17					
	'quarterly_cashflow',		2022-03-31	2021-12-31	\
Change To Liabilities	51996000.0	4918000.0			
Total Cashflows From Investing Activities	-105012000.0	-88963000.0			
Net Borrowings	-358540000.0	-15022000.0			
Total Cash From Financing Activities	-402893000.0	-14752000.0			
Change To Operating Activities	-188049000.0	32486000.0			
Issuance Of Stock	3658000.0	357000.0			
Net Income	-456808000.0	891366000.0			
Change In Cash	-181491000.0	213944000.0			
Repurchase Of Stock	-41194000.0	-32000.0			
Total Cash From Operating Activities	406414000.0	317659000.0			
Depreciation	87600000.0	92427000.0			
Other Cashflows From Investing Activities	-2621000.0	-3089000.0			
Change To Account Receivables	58674000.0	-134334000.0			
Other Cashflows From Financing Activities	-6817000.0	-55000.0			
Change To Netincome	851036000.0	-570158000.0			
Capital Expenditures	-102740000.0	-85940000.0			
Change To Inventory	NaN	-1140000.0			
	2021-09-30	2021-06-30			
Change To Liabilities	13073000.0	-13178000.0			
Total Cashflows From Investing Activities	-110391000.0	-106125000.0			
Net Borrowings	-81813000.0	-7235000.0			
Total Cash From Financing Activities	-81449000.0	-68043000.0			
Change To Operating Activities	-15949000.0	32816000.0			
Issuance Of Stock	590000.0	4491000.0			
Net Income	-350267000.0	-156472000.0			
Change In Cash	14000.0	15000.0			
Repurchase Of Stock	-18000.0	-152000.0			
Total Cash From Operating Activities	191854000.0	174183000.0			
Depreciation	95116000.0	92806000.0			
Other Cashflows From Investing Activities	-194000.0	4611000.0			
Change To Account Receivables	-67066000.0	-15992000.0			
Other Cashflows From Financing Activities	-208000.0	-32000.0			
Change To Netincome	514953000.0	232025000.0			
Capital Expenditures	-110239000.0	-110923000.0			
Change To Inventory	-1140000.0	-1140000.0]		
4					
	'quarterly_earnings',	Revenue	Earnings		
Quarter					
Q22021	684405000	-156472000			

3Q2021 954859000 -350267000
4Q2021 1257264000 891366000
1Q2022 1119793000 -456808000]

22

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['quarterly_financials',  
 Research Development None None 2022-03-31 2021-12-31 \\  
 Effect Of Accounting Charges None None  
 Income Before Tax -572889000.0 909879000.0  
 Minority Interest None None  
 Net Income -456808000.0 891366000.0  
 Selling General Administrative 43026000.0 42459000.0  
 Gross Profit 702005000.0 792996000.0  
 Ebit -453840000.0 1005348000.0  
 Operating Income -453840000.0 1005348000.0  
 Other Operating Expenses 947177000.0 -333146000.0  
 Interest Expense -47175000.0 -56362000.0  
 Extraordinary Items None None  
 Non Recurring None None  
 Other Items None None  
 Income Tax Expense -116081000.0 18513000.0  
 Total Revenue 1119793000.0 1257264000.0  
 Total Operating Expenses 1573633000.0 251916000.0  
 Cost Of Revenue 417788000.0 464268000.0  
 Total Other Income Expense Net -119049000.0 -95469000.0  
 Discontinued Operations None None  
 Net Income From Continuing Ops -456808000.0 891366000.0  
 Net Income Applicable To Common Shares -456808000.0 880571000.0
```

```
2021-09-30 2021-06-30  
 Research Development None None  
 Effect Of Accounting Charges None None  
 Income Before Tax -379950000.0 -157734000.0  
 Minority Interest None None  
 Net Income -350267000.0 -156472000.0  
 Selling General Administrative 49061000.0 40242000.0  
 Gross Profit 525126000.0 304385000.0  
 Ebit -324300000.0 -136296000.0  
 Operating Income -324300000.0 -136296000.0  
 Other Operating Expenses 665090000.0 267143000.0  
 Interest Expense -56809000.0 -57287000.0  
 Extraordinary Items None None  
 Non Recurring None None  
 Other Items None None  
 Income Tax Expense -29683000.0 -1262000.0  
 Total Revenue 954859000.0 684405000.0  
 Total Operating Expenses 1279159000.0 820701000.0  
 Cost Of Revenue 429733000.0 380020000.0  
 Total Other Income Expense Net -55650000.0 -21438000.0  
 Discontinued Operations None None  
 Net Income From Continuing Ops -350267000.0 -156472000.0  
 Net Income Applicable To Common Shares -350267000.0 -156472000.0 ]
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10

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['mutualfund_holders', Holder Shares Date Reported \\  
 0 iShares Core S&P Smallcap ETF 17572227 2022-01-30  
 1 Vanguard Total Stock Market Index Fund 7017434 2021-12-30  
 2 Vanguard Small-Cap Index Fund 6213678 2021-12-30  
 3 iShares Russell 2000 ETF 5443911 2022-01-30  
 4 SPDR (R) Ser Tr-SPDR (R) S&P (R) Oil & Gas Exp... 4635596 2022-01-30  
 5 Fidelity Puritan Fund Inc 3997998 2022-02-27  
 6 Vanguard Small Cap Value Index Fund 3940642 2021-12-30  
 7 Vanguard Extended Market Index Fund 3323577 2021-12-30  
 8 Undiscovered Managers Behavioral Value Fund 3240158 2021-12-30  
 9 American Beacon Small Cap Value Fd 2764733 2022-01-30
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1 0.0260 125120848  
2 0.0230 118789878  
3 0.0202 104795286  
4 0.0172 89235223  
5 0.0148 91754054  
6 0.0146 70261646  
7 0.0123 59259377  
8 0.0120 57772017  
9 0.0102 53221110 ]
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3

['options', ('2022-06-17', '2023-01-20', '2024-01-19')]

27

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palmOil False  
controversialWeapons False  
gambling False  
socialScore 0  
nuclear False  
furLeather False  
alcoholic False  
gmo False  
catholic False  
socialPercentile 0  
peerCount 66  
governanceScore 0
```

```
environmentPercentile          0
animalTesting                  False
tobacco                        False
totalEsg                        33.07
highestControversy                2
esgPerformance                 LEAD_PERF
coal                            False
pesticides                      False
adult                           False
percentile                      72.13
peerGroup                       Oil & Gas Producers
smallArms                        False
environmentScore                  0
governancePercentile                0
militaryContract                 False]
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