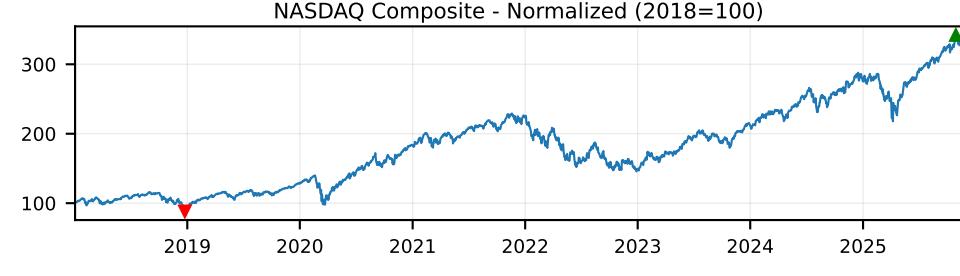
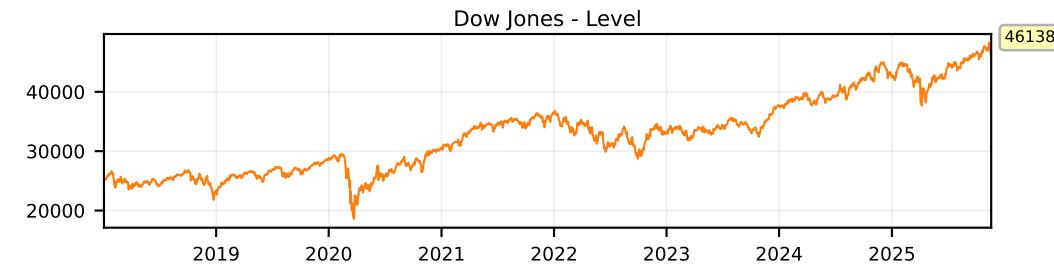
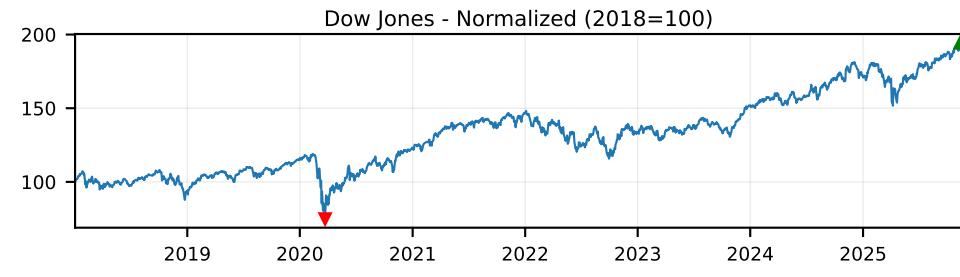
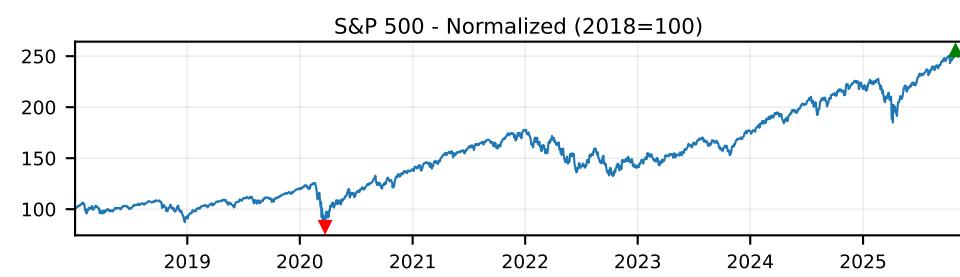


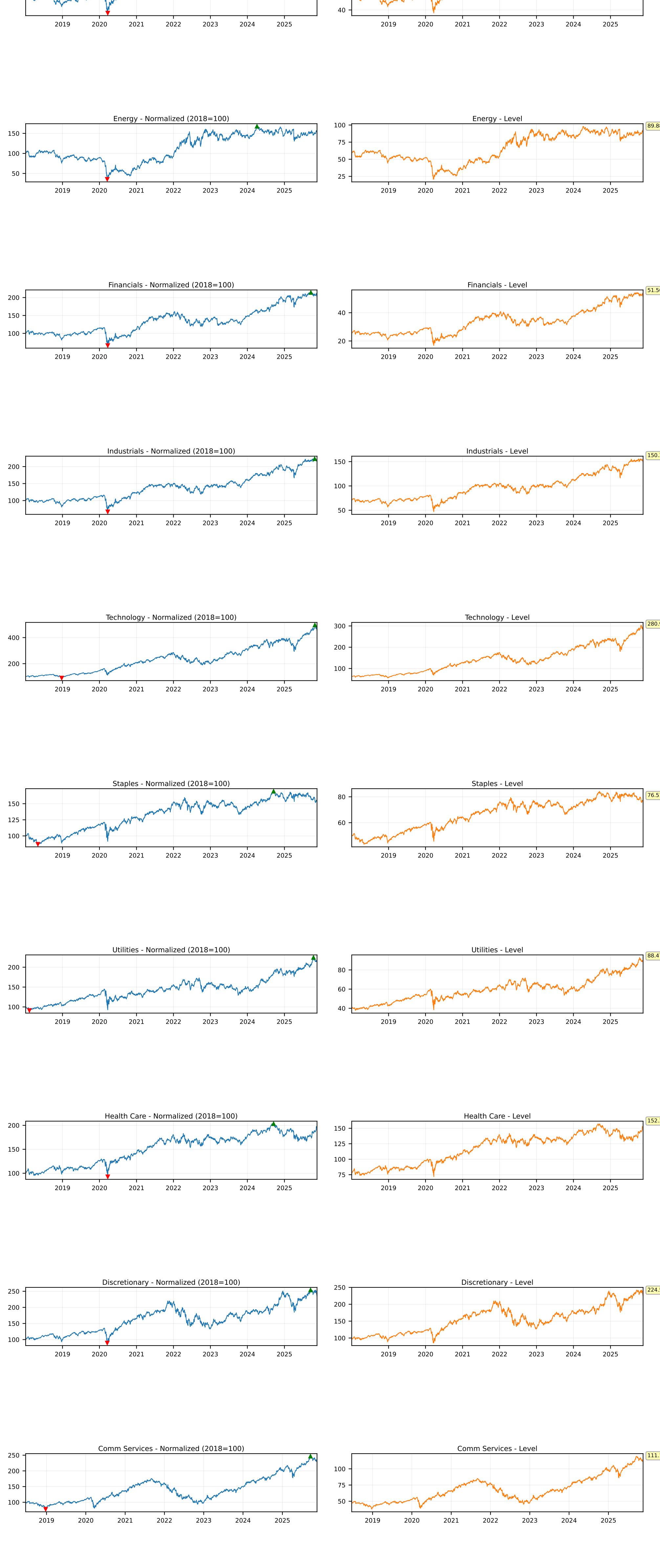
# Major Indices

Series	Current	YTD	1M	3M	1Y	3Y	5Y
S&P 500	6642.16	12.93	-1.38	4.27	12.26	67.51	86.71
Dow Jones	46138.77	8.45	-1.22	3.02	6.63	36.72	57.67
NASDAQ Composite	22564.23	16.85	-1.85	6.94	18.84	102.44	90.34
Russell 2000 (IWM)	233.43	5.64	-5.94	3.3	1.21	27.06	34.47
SPY ETF	662.63	13.4	-1.29	4.26	12.97	73.35	98.9
Nasdaq 100 (QQQ)	599.87	17.51	-1.91	6.5	19.52	114.05	112.38



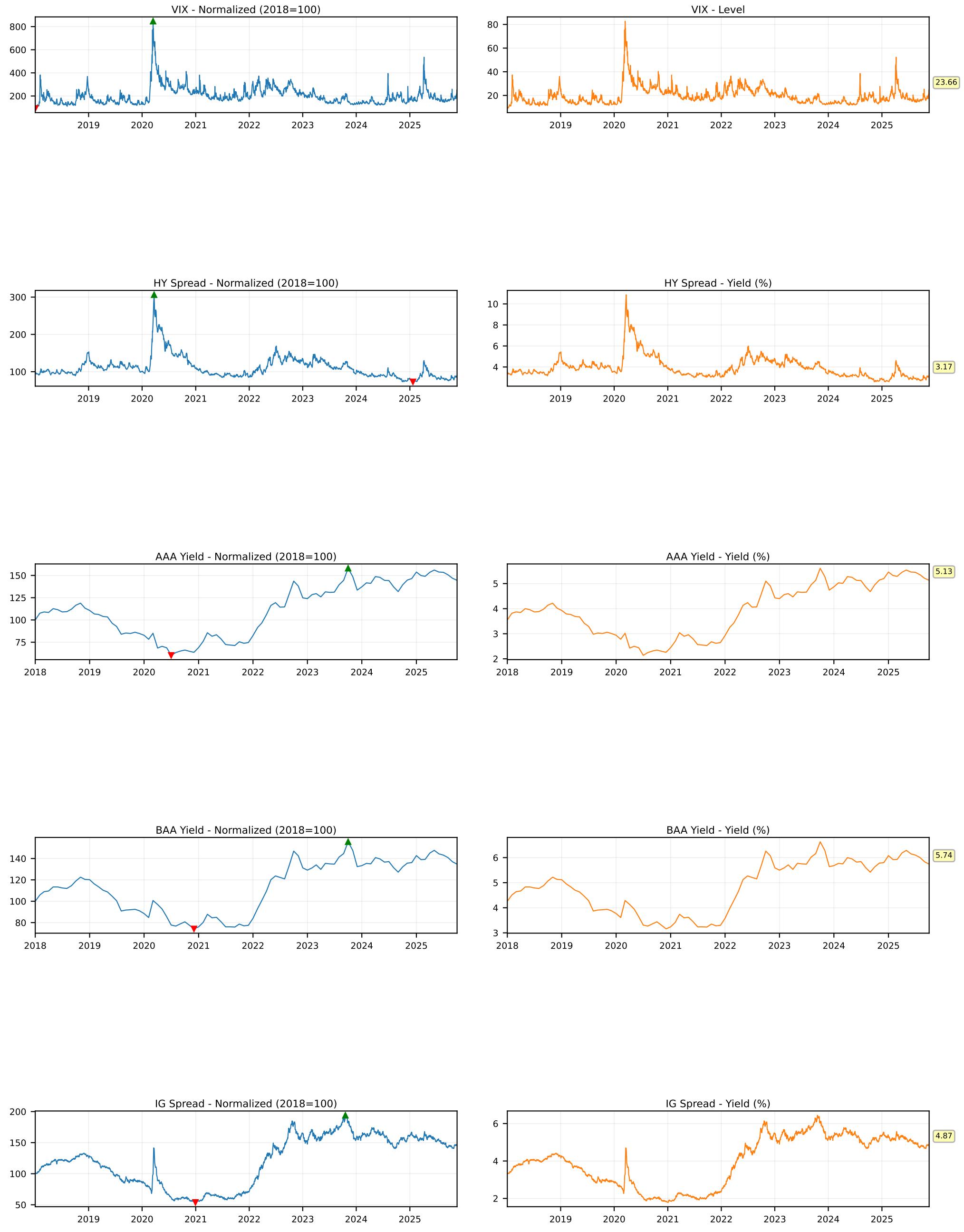
# Sectors (SPDR ETFs)

Series	Current	YTD	1M	3M	1Y	3Y	5Y
Materials	85.74	1.9	-3.59	-5.14	-6.49	7.19	27.82
Energy	89.88	4.93	3.44	4.05	-5.77	-1.91	174.79
Financials	51.56	6.68	-2.33	-2.16	3.76	45.77	96.84
Industrials	150.35	14.11	-2.06	-0.22	8.32	51.2	78.75
Technology	280.97	20.84	-2.51	8.52	21.46	112.71	137.91
Staples	76.51	-2.67	-3.95	-7.23	-5.11	2.45	21.14
Utilities	88.47	17.71	-3.35	3.38	11.67	39.1	60.09
Health Care	152.33	10.73	5.21	11.16	7.87	13.2	44.31
Discretionary	224.51	0.07	-4.98	-0.76	4.15	59.24	48.11
Comm Services	111.19	14.85	-4.34	1.33	14.96	124.49	76.86



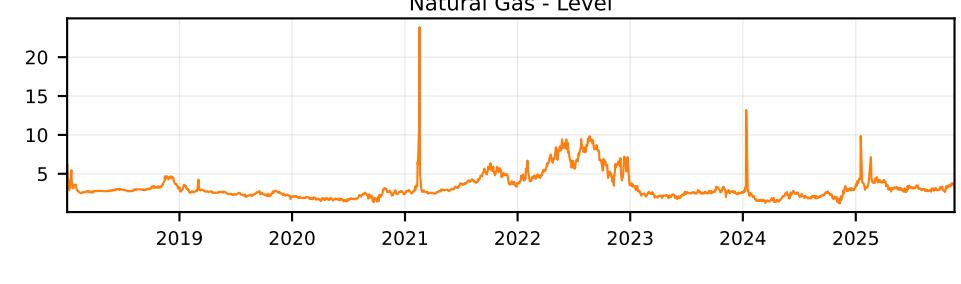
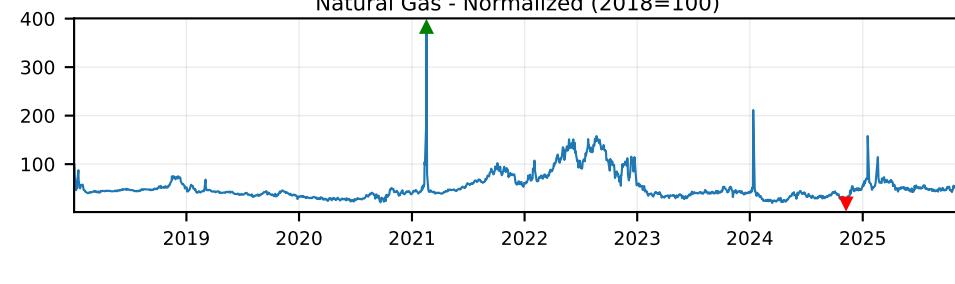
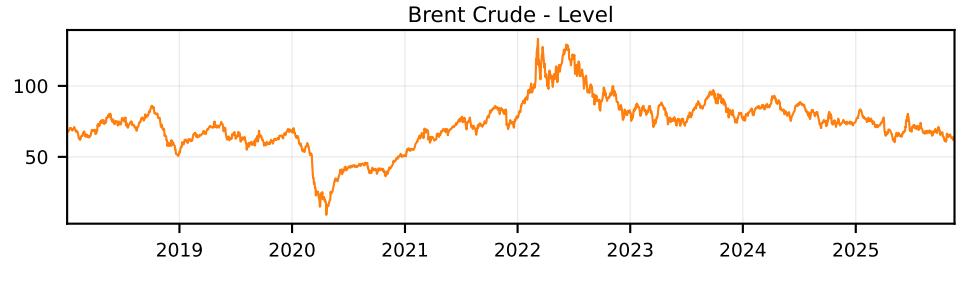
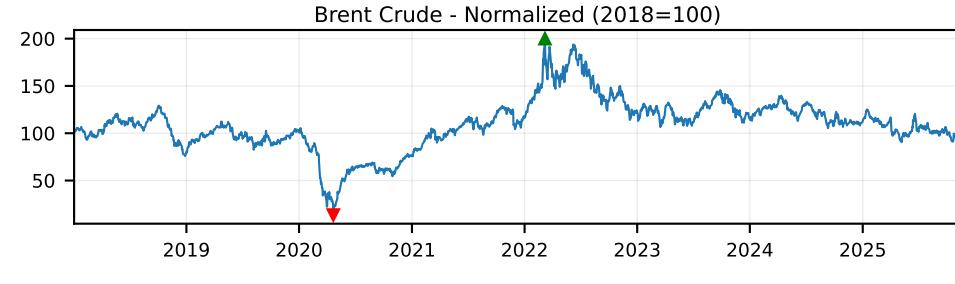
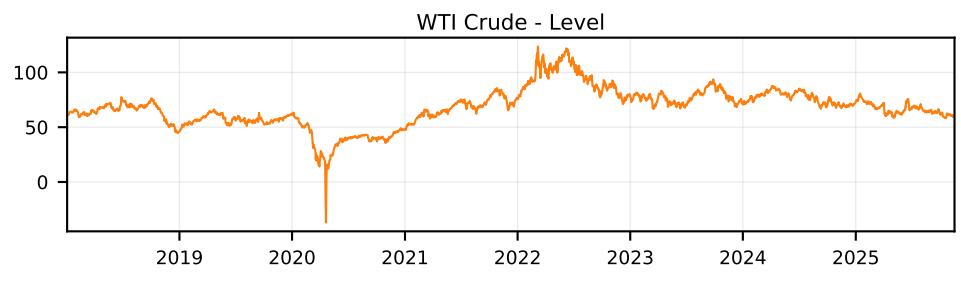
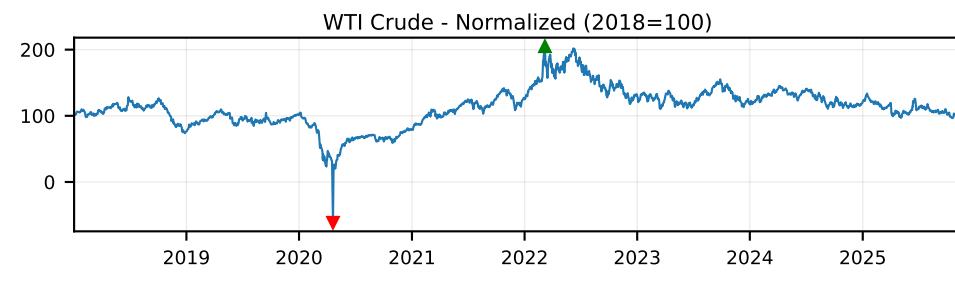
# Volatility & Credit

Series	Current	YTD	1M	3M	1Y	3Y	5Y
VIX	23.66	36.37	29.79	42.53	44.71	2.34	-0.17
HY Spread	3.17	0.25	0.18	0.22	0.48	-1.48	-1.32
AAA Yield	5.13	-0.33	-0.08	-0.32	0.18	0.03	2.78
BAA Yield	5.74	-0.34	-0.09	-0.36	0.11	-0.52	2.3
IG Spread	4.87	-0.48	0.18	-0.12	-0.33	-0.7	3.0



# Commodities & Energy

Series	Current	YTD	1M	3M	1Y	3Y	5Y
WTI Crude	60.66	-16.26	4.05	-4.29	-9.91	-24.24	45.68
Brent Crude	63.16	-15.31	3.15	-5.19	-14.01	-28.98	47.19
Natural Gas	3.71	9.12	40.0	29.27	124.85	-39.18	56.54
Gold							
Energy Sector	89.88	4.93	3.44	4.05	-5.77	-1.91	174.79
Oil & Gas E&P	131.88	-0.37	5.28	6.05	-7.6	-14.32	163.83



Gold: no data



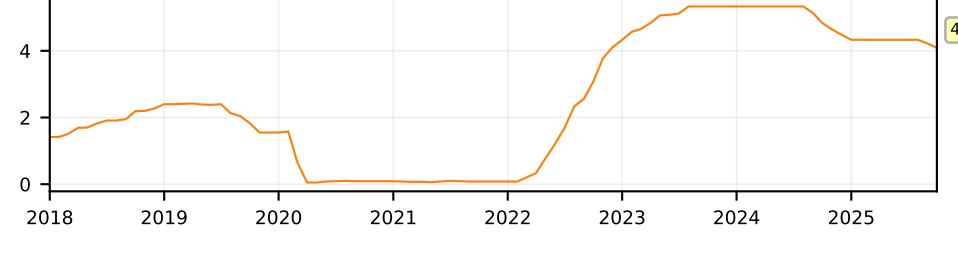
# Interest Rates

Series	Current	YTD	1M	3M	1Y	3Y	5Y
Fed Funds	4.09	-0.24	-0.13	-0.24	-0.74	1.01	4.0
3M T-Bill	3.82	-0.39	-0.1	-0.43	-0.69	0.1	3.72
2-Yr Treasury	3.52	-0.75	-0.05	-0.36	-0.45	-0.86	3.37
5-Yr Treasury	3.65	-0.78	-0.01	-0.3	-0.26	-0.53	3.31
10-Yr Treasury	4.06	-0.57	-0.06	-0.33	-0.04	0.08	3.27
30-Yr Treasury	4.64	-0.21	-0.1	-0.28	0.26	0.6	3.07

Fed Funds - Normalized (2018=100)



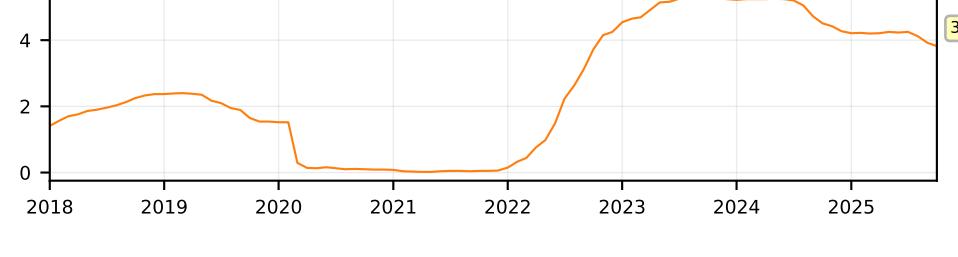
Fed Funds - Yield (%)



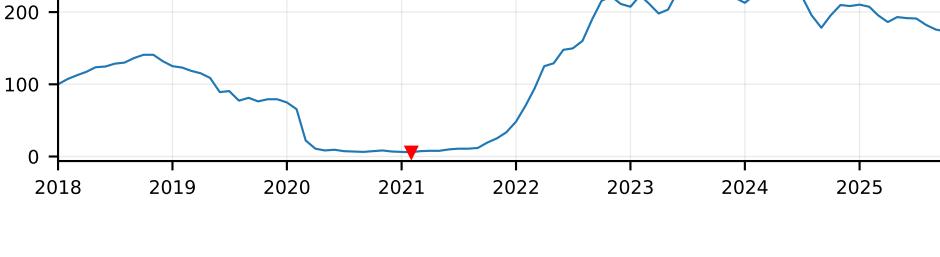
3M T-Bill - Normalized (2018=100)



3M T-Bill - Yield (%)



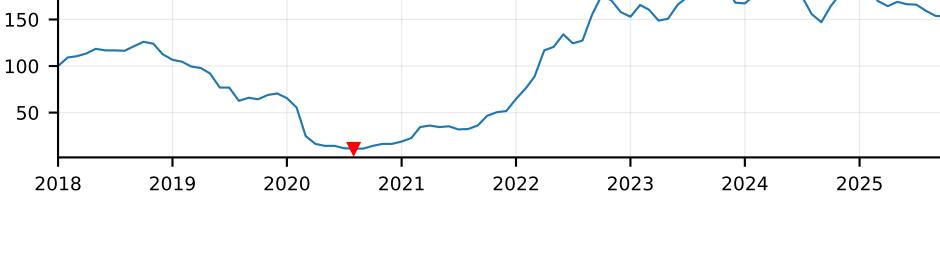
2-Yr Treasury - Normalized (2018=100)



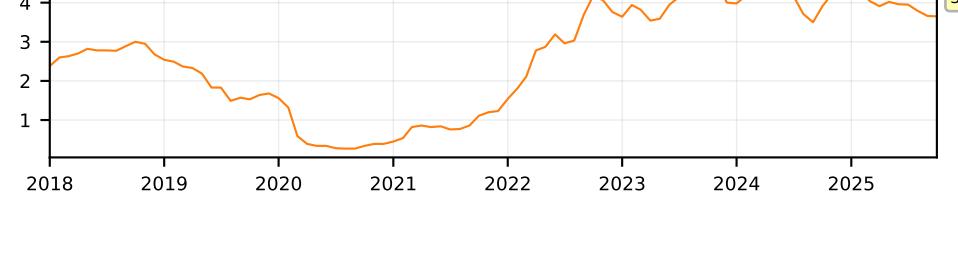
2-Yr Treasury - Yield (%)



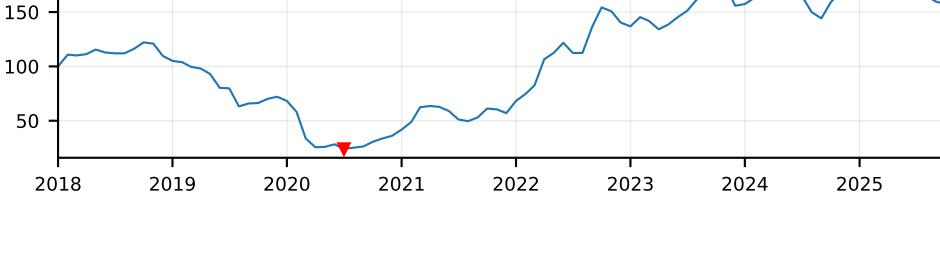
5-Yr Treasury - Normalized (2018=100)



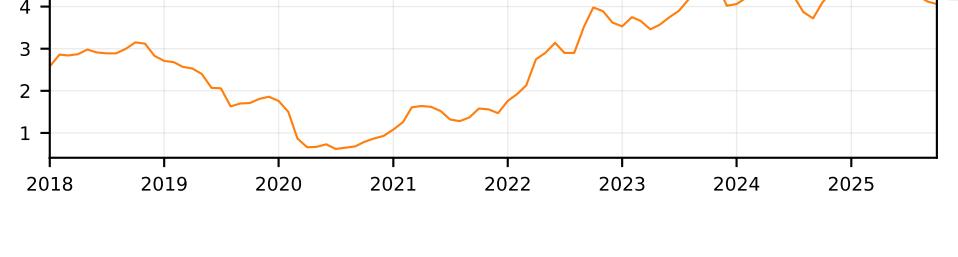
5-Yr Treasury - Yield (%)



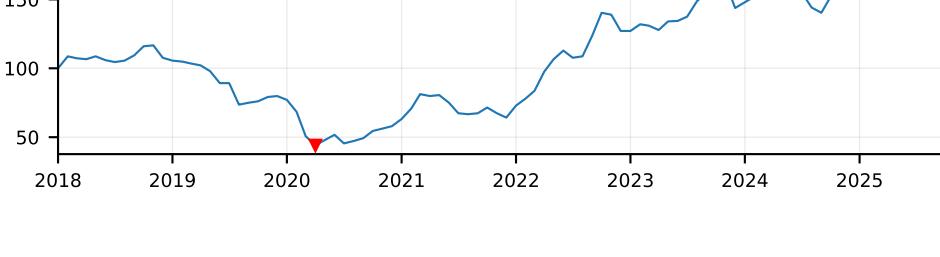
10-Yr Treasury - Normalized (2018=100)



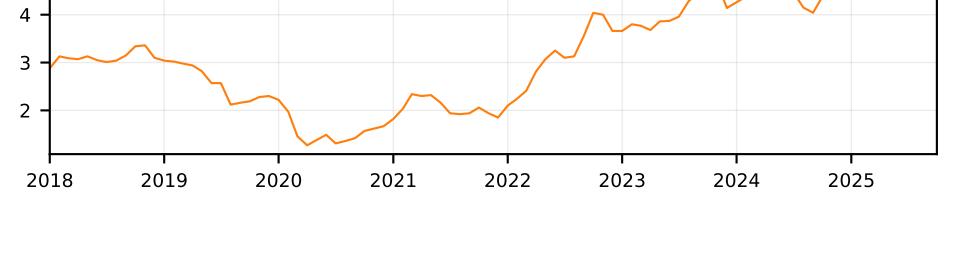
10-Yr Treasury - Yield (%)



30-Yr Treasury - Normalized (2018=100)



30-Yr Treasury - Yield (%)



# Real Estate & Intl

Series	Current	YTD	1M	3M	1Y	3Y	5Y
US REITs	88.51	-0.64	-3.89	-2.12	-6.77	3.52	11.87
US Real Estate	93.95	0.96	-4.1	-2.13	-5.22	8.5	16.08
Intl Developed	92.52	22.36	-2.91	0.73	19.46	42.01	37.86
Emerging Markets	53.85	28.77	-1.95	8.48	26.15	51.15	21.7
30-Yr Mortgage	6.26	-0.59	-0.01	-0.32	-0.52	-0.35	3.54

