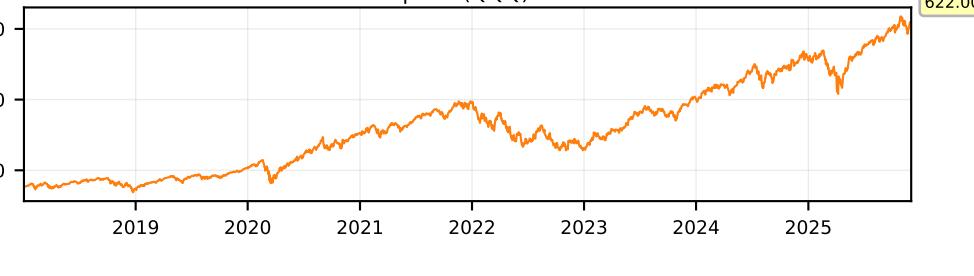
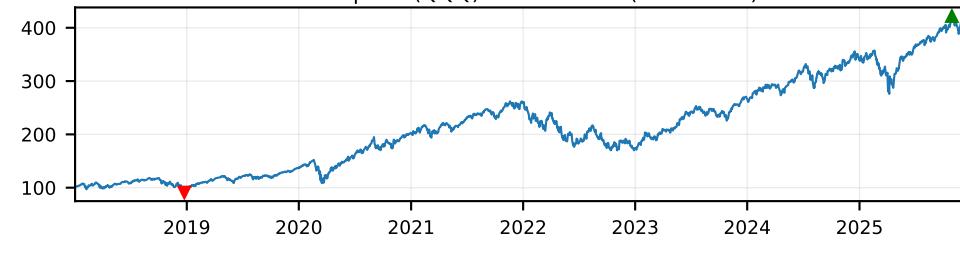
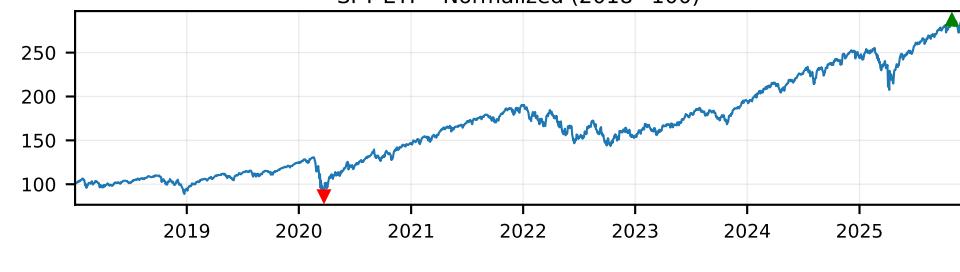
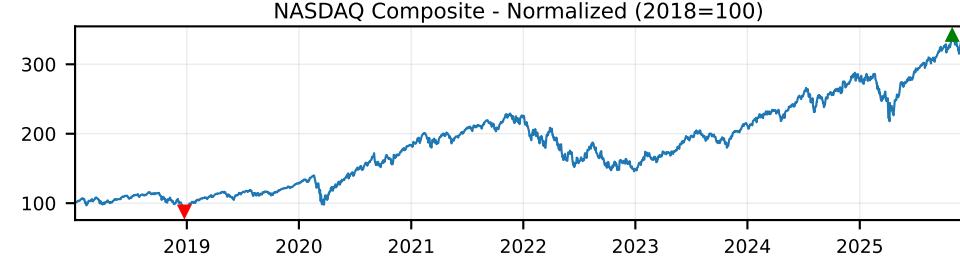
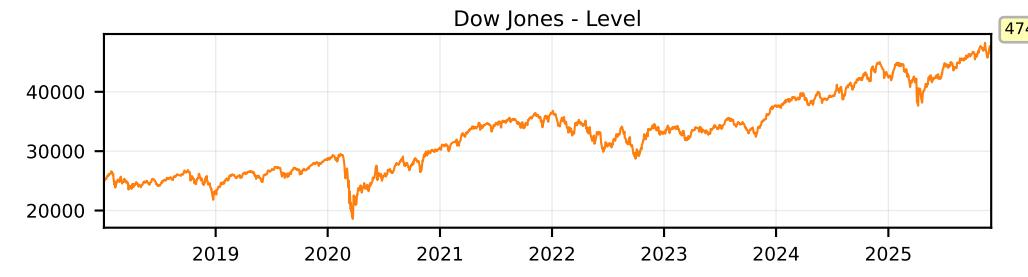
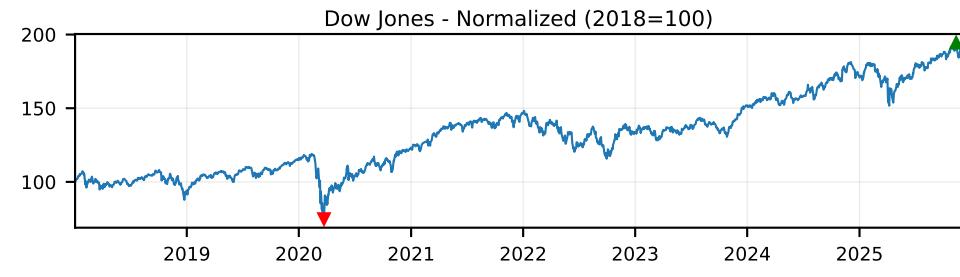
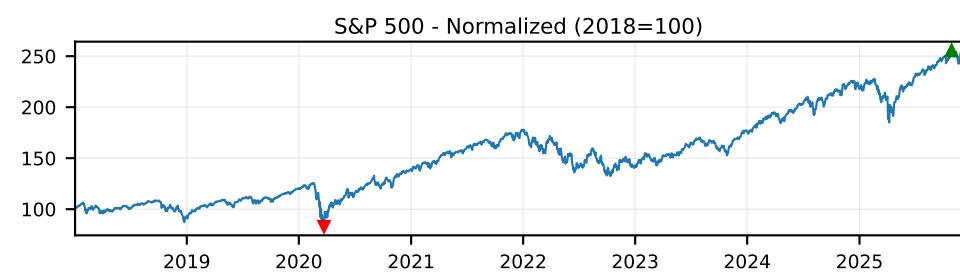


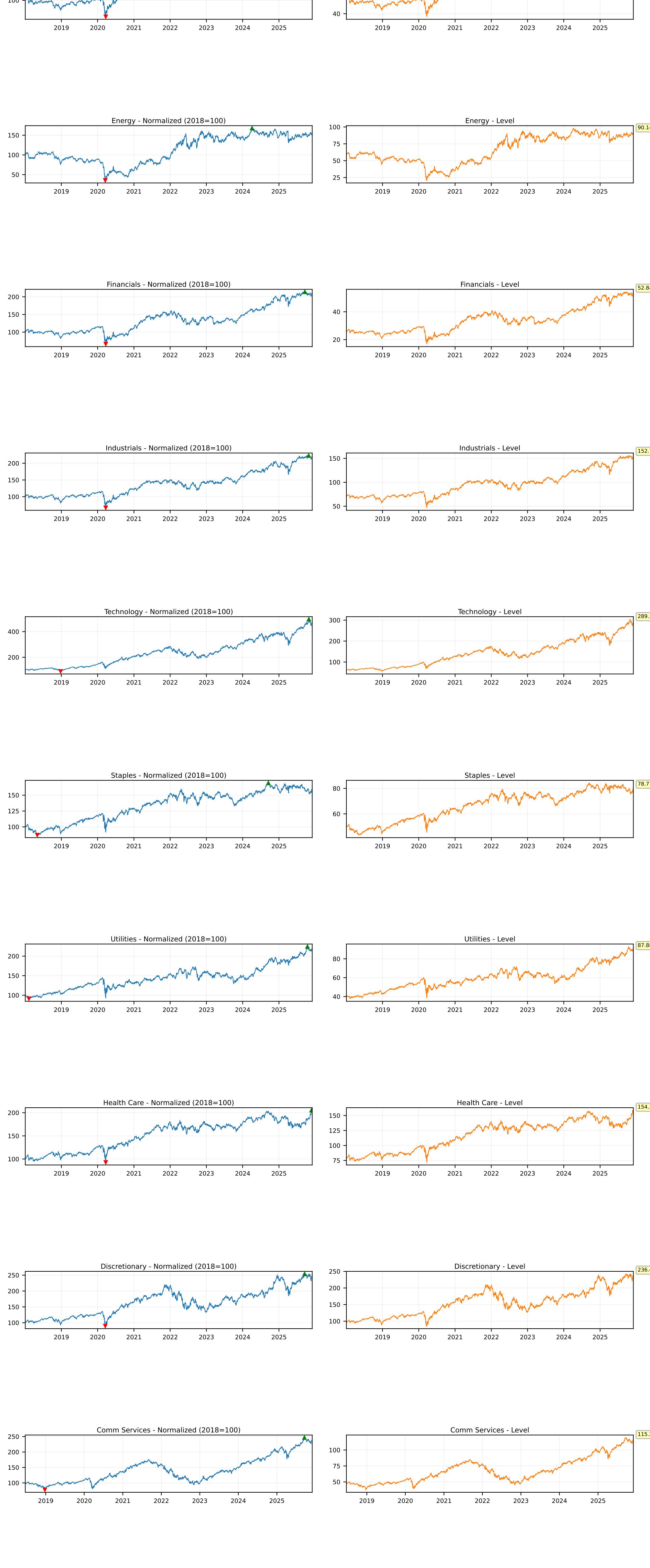
Major Indices

| Series | Current | YTD | 1M | 3M | 1Y | 3Y | 5Y |
|--------------------|----------|-------|-------|------|-------|--------|--------|
| S&P 500 | 6829.37 | 16.11 | -0.16 | 5.91 | 12.94 | 67.73 | 86.25 |
| Dow Jones | 47474.46 | 11.59 | -0.19 | 4.87 | 6.01 | 37.89 | 58.41 |
| NASDAQ Composite | 23275.92 | 20.53 | -1.89 | 9.38 | 21.11 | 103.08 | 88.48 |
| Russell 2000 (IWM) | 245.17 | 10.96 | -0.43 | 4.92 | 1.41 | 30.37 | 36.32 |
| SPY ETF | 681.53 | 16.64 | -0.08 | 5.87 | 13.63 | 73.53 | 98.24 |
| Nasdaq 100 (QQQ) | 622.0 | 21.85 | -1.12 | 9.11 | 21.08 | 116.08 | 110.16 |



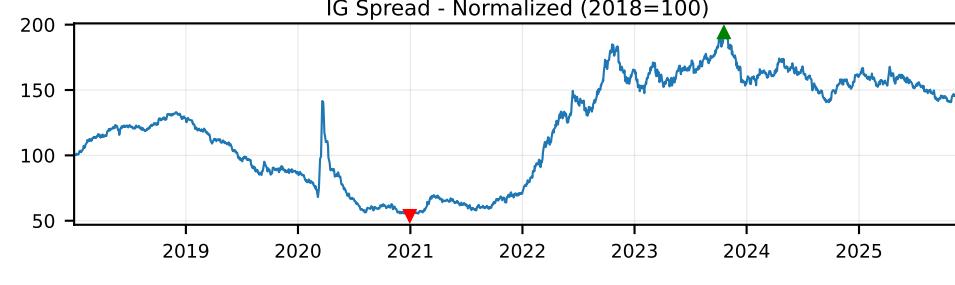
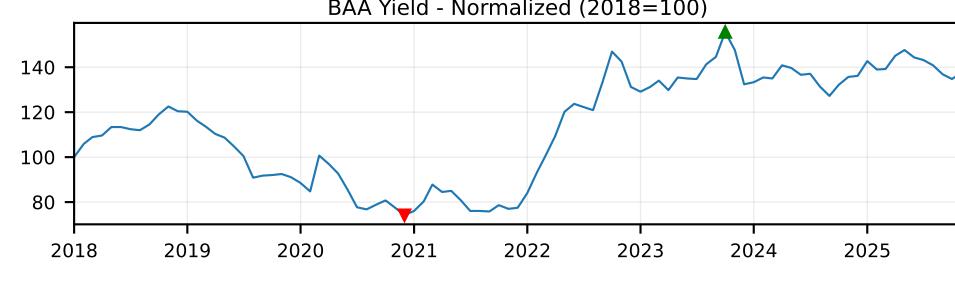
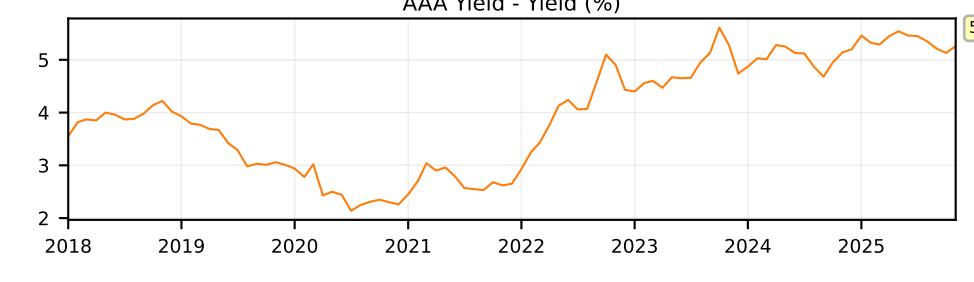
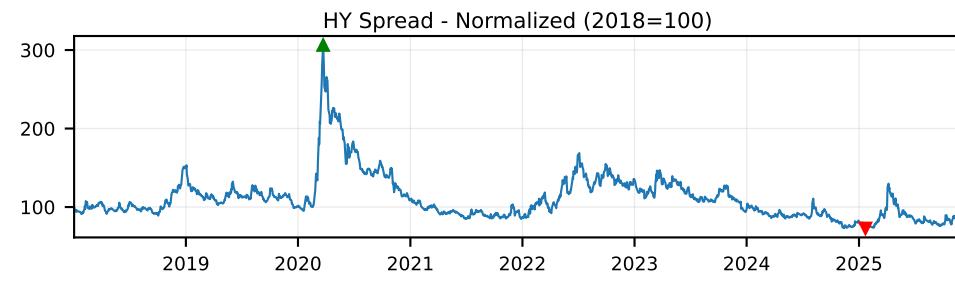
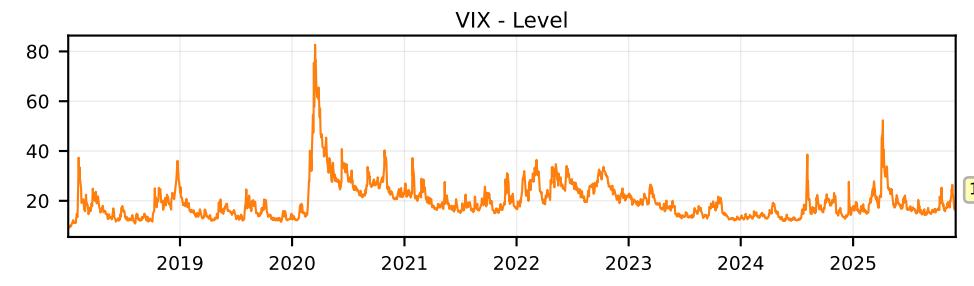
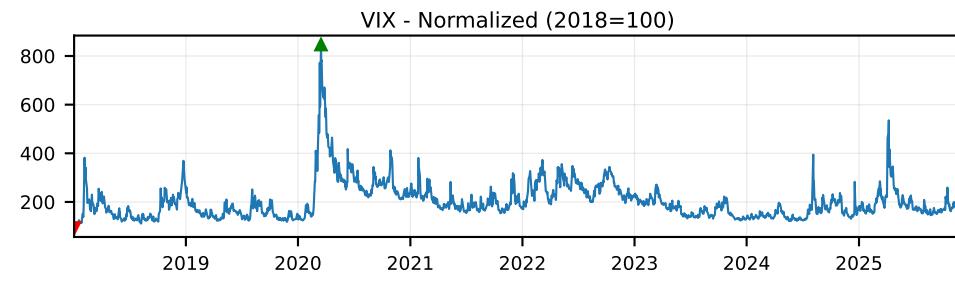
Sectors (SPDR ETFs)

| Series | Current | YTD | 1M | 3M | 1Y | 3Y | 5Y |
|---------------|---------|-------|-------|-------|-------|--------|--------|
| Materials | 88.37 | 5.03 | 3.15 | -2.86 | -6.7 | 5.5 | 30.62 |
| Energy | 90.14 | 5.23 | 2.28 | 1.86 | -4.63 | -0.19 | 156.13 |
| Financials | 52.84 | 9.33 | 0.9 | -1.23 | 3.95 | 47.06 | 91.51 |
| Industrials | 152.76 | 15.94 | -1.48 | 1.98 | 6.88 | 49.28 | 78.52 |
| Technology | 289.3 | 24.42 | -3.78 | 10.69 | 22.61 | 113.73 | 135.79 |
| Staples | 78.77 | 0.2 | 3.26 | -2.26 | -5.23 | 2.05 | 23.58 |
| Utilities | 87.88 | 16.93 | -1.37 | 4.83 | 9.97 | 33.93 | 60.28 |
| Health Care | 154.36 | 12.2 | 7.01 | 12.75 | 4.9 | 10.43 | 42.88 |
| Discretionary | 236.44 | 5.39 | -1.45 | 2.38 | 5.44 | 61.99 | 51.85 |
| Comm Services | 115.23 | 19.03 | 0.37 | 1.92 | 16.15 | 121.85 | 74.96 |



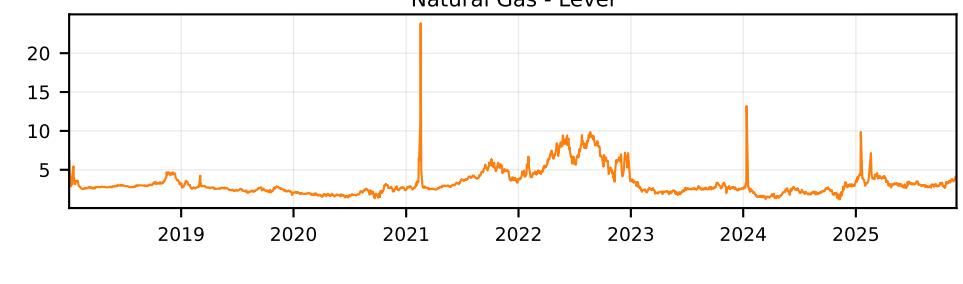
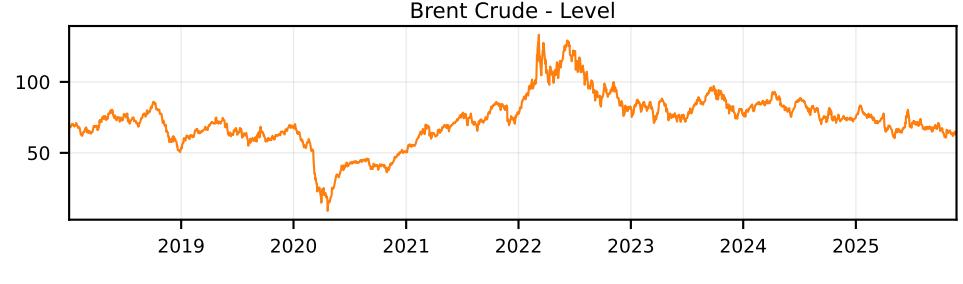
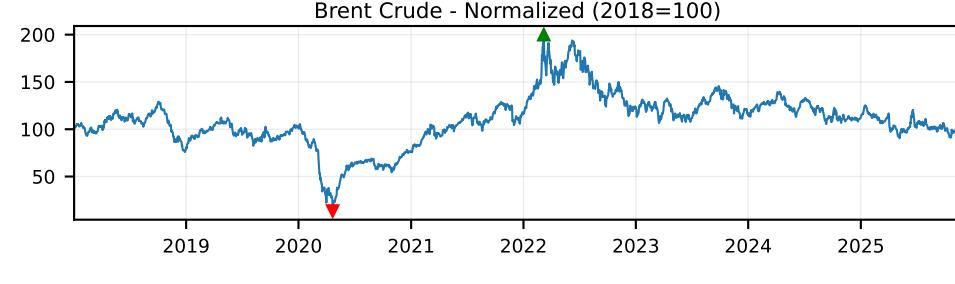
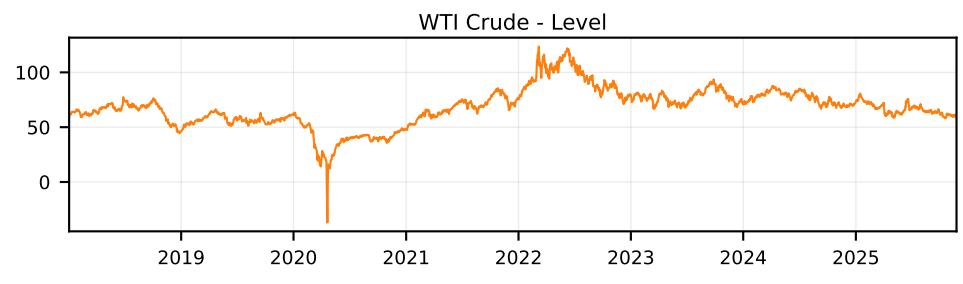
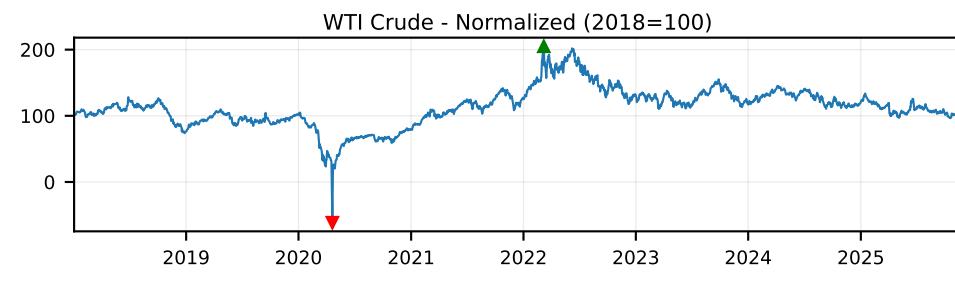
Volatility & Credit

| Series | Current | YTD | 1M | 3M | 1Y | 3Y | 5Y |
|-----------|---------|-------|-------|-------|-------|-------|--------|
| VIX | 17.24 | -0.63 | -1.15 | 0.41 | 27.61 | -9.55 | -18.56 |
| HY Spread | 2.94 | 0.02 | 0.0 | 0.02 | 0.2 | -1.56 | -1.23 |
| AAA Yield | 5.26 | -0.2 | 0.13 | -0.09 | 0.12 | 0.36 | 2.96 |
| BAA Yield | 5.86 | -0.22 | 0.12 | -0.14 | 0.08 | -0.21 | 2.56 |
| IG Spread | 4.83 | -0.52 | 0.01 | -0.14 | -0.25 | -0.37 | 2.95 |

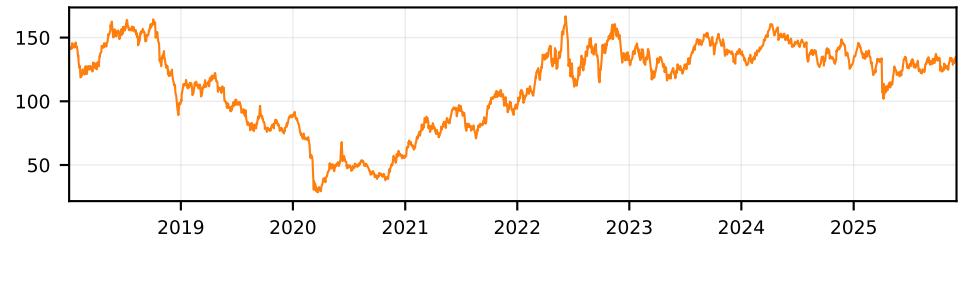
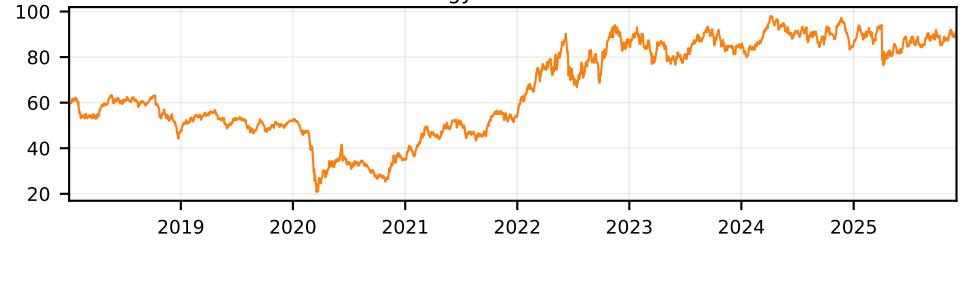
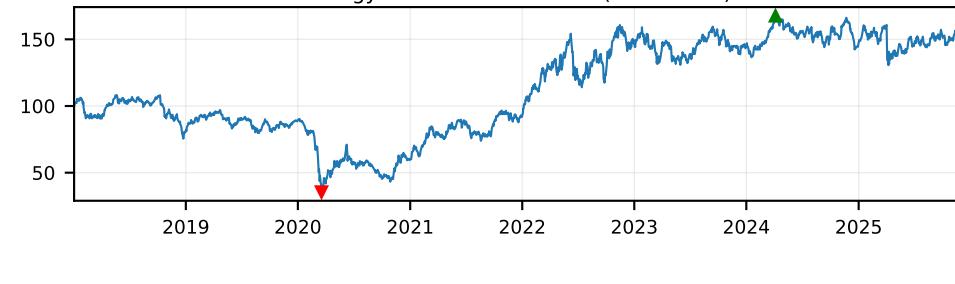


Commodities & Energy

| Series | Current | YTD | 1M | 3M | 1Y | 3Y | 5Y |
|---------------|---------|--------|-------|-------|--------|--------|--------|
| WTI Crude | 59.11 | -18.4 | -5.07 | -7.06 | -17.54 | -22.68 | 29.68 |
| Brent Crude | 64.83 | -13.07 | -1.47 | -3.08 | -14.81 | -22.27 | 37.06 |
| Natural Gas | 4.15 | 22.06 | 29.28 | 47.16 | 72.2 | -36.83 | 68.02 |
| Gold | | | | | | | |
| Energy Sector | 90.14 | 5.23 | 2.28 | 1.86 | -4.63 | -0.19 | 156.13 |
| Oil & Gas E&P | 133.05 | 0.51 | 4.91 | 1.69 | -7.49 | -10.0 | 146.34 |



Gold: no data



Interest Rates

| Series | Current | YTD | 1M | 3M | 1Y | 3Y | 5Y |
|----------------|---------|-------|-------|-------|-------|-------|------|
| Fed Funds | 3.88 | -0.45 | -0.21 | -0.45 | -0.76 | 0.1 | 3.79 |
| 3M T-Bill | 3.78 | -0.43 | -0.04 | -0.34 | -0.64 | -0.37 | 3.69 |
| 2-Yr Treasury | 3.55 | -0.72 | 0.03 | -0.15 | -0.71 | -0.95 | 3.38 |
| 5-Yr Treasury | 3.67 | -0.76 | 0.02 | -0.12 | -0.56 | -0.39 | 3.28 |
| 10-Yr Treasury | 4.09 | -0.54 | 0.03 | -0.17 | -0.27 | 0.2 | 3.22 |
| 30-Yr Treasury | 4.7 | -0.15 | 0.06 | -0.17 | 0.16 | 0.7 | 3.08 |

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 | 89.97 | 1.0 | 0.89 | -0.87 | -6.99 | 2.67 | 13.03 |
| US Real Estate | 95.49 | 2.61 | 0.88 | -0.56 | -5.4 | 7.56 | 17.89 |
| Intl Developed | 95.04 | 25.7 | 0.58 | 4.76 | 20.02 | 40.34 | 38.5 |
| Emerging Markets | 54.3 | 29.84 | -1.81 | 8.58 | 27.14 | 46.6 | 19.62 |
| 30-Yr Mortgage | 6.23 | -0.62 | 0.04 | -0.33 | -0.61 | -0.35 | 3.51 |

