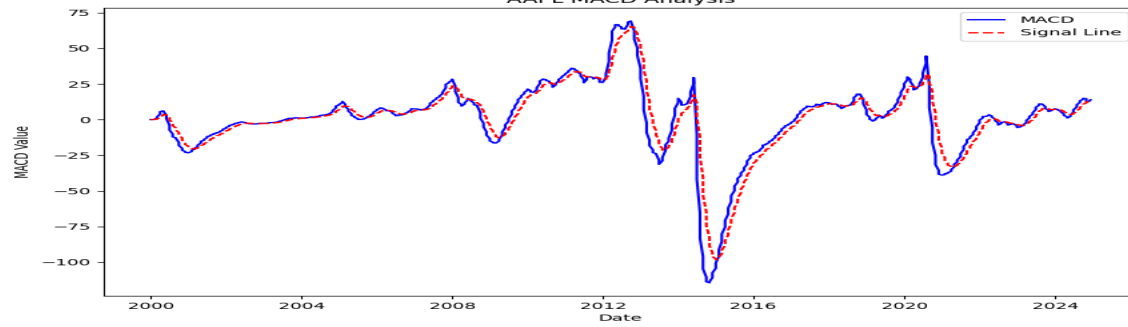


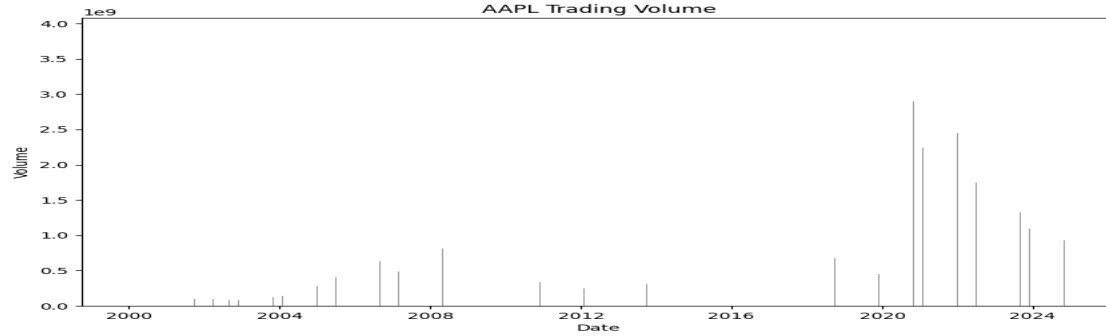
AAPL Bollinger Bands Analysis

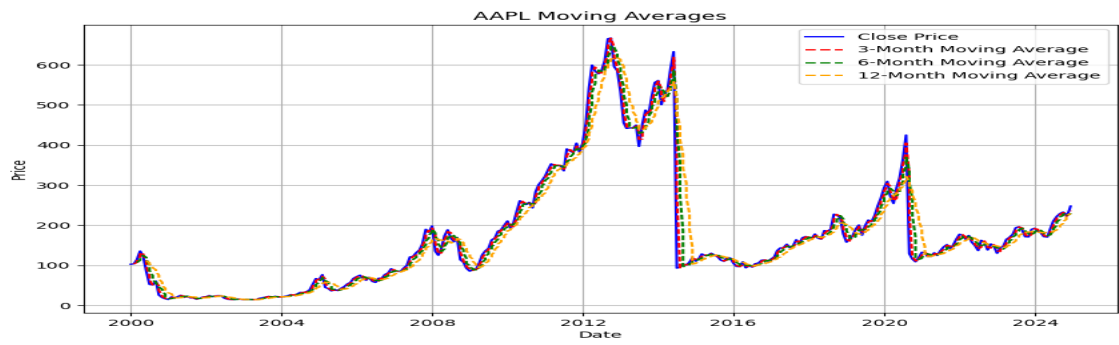


AAPL MACD Analysis



AAPL Trading Volume





|       | open       | high       | low        | close      | volume       | moving_avg_3 | moving_avg_6 | moving_avg_12 | rolling_mean | rolling_std | upper      |
|-------|------------|------------|------------|------------|--------------|--------------|--------------|---------------|--------------|-------------|------------|
| count | 603.000000 | 603.000000 | 603.000000 | 603.000000 | 603.000000   | 6.030000e+02 | 601.000000   | 598.000000    | 592.000000   | 601.000000  | 601.000000 |
| mean  | 175.114725 | 188.040490 | 161.008840 | 174.981422 | 6.938784e+08 | 174.985975   | 175.026735   | 175.051744    | 174.981422   | 174.981422  | 174.981422 |
| std   | 147.971246 | 156.874249 | 136.642518 | 147.304244 | 5.723040e+08 | 146.258102   | 145.121125   | 143.288226    | 146.258102   | 146.258102  | 146.258102 |
| min   | 14.200000  | 14.950000  | 12.720000  | 14.140000  | 6.527674e+07 | 14.166667    | 14.456667    | 14.593333     | 14.166667    | 14.166667   | 14.166667  |
| 25%   | 77.050000  | 90.810000  | 70.870000  | 76.980000  | 2.897047e+08 | 73.936667    | 73.488750    | 73.135625     | 73.936667    | 73.936667   | 73.936667  |
| 50%   | 138.210000 | 150.919900 | 127.010000 | 138.480000 | 5.574564e+08 | 143.246667   | 146.005833   | 148.373333    | 143.246667   | 143.246667  | 143.246667 |
| 75%   | 206.090000 | 220.785000 | 190.550000 | 206.680000 | 8.989170e+08 | 205.433333   | 206.554083   | 204.579792    | 205.433333   | 205.433333  | 205.433333 |
| max   | 671.500000 | 705.070000 | 656.000000 | 667.105000 | 3.886793e+09 | 666.483333   | 647.701667   | 617.950833    | 666.483333   | 666.483333  | 666.483333 |