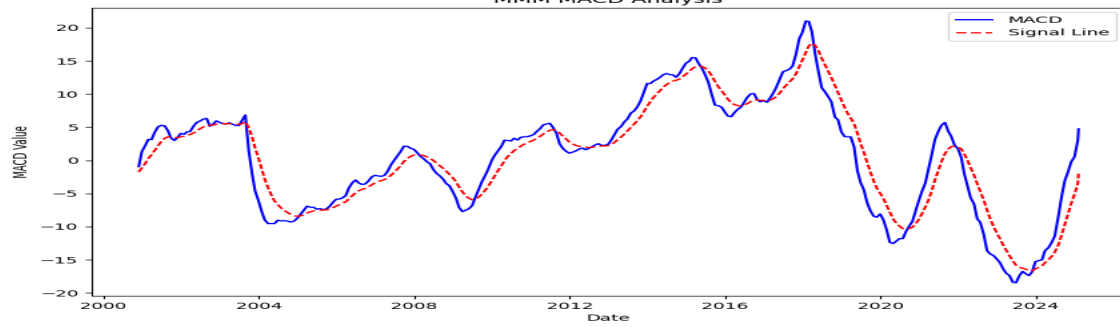


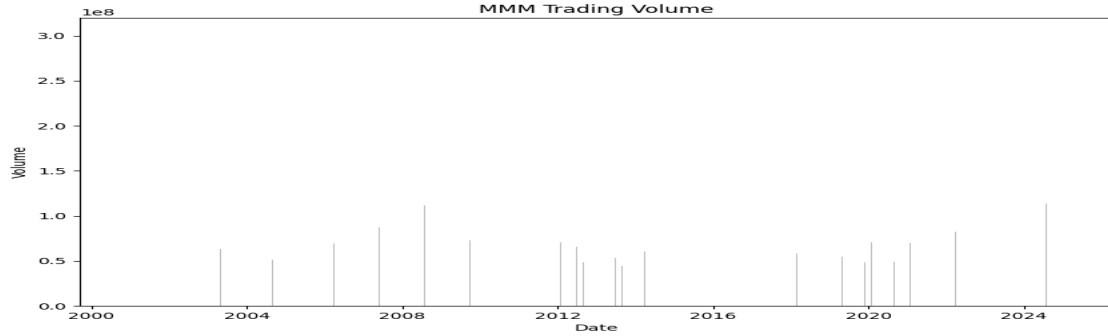
MMM Bollinger Bands Analysis

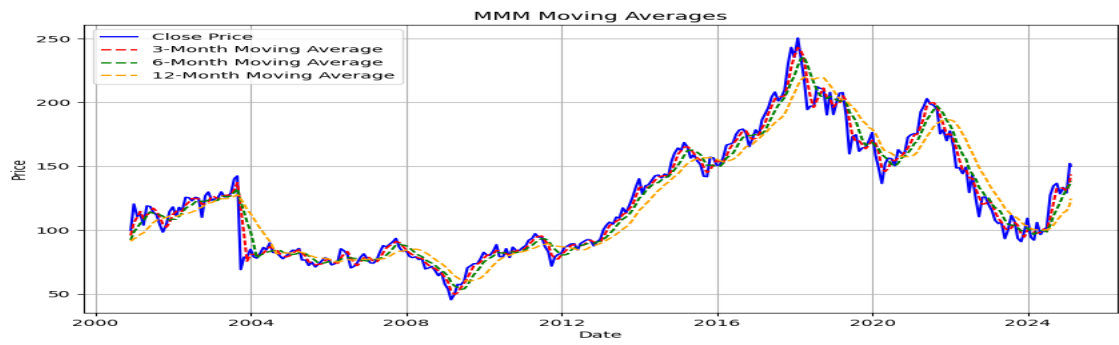


MMM MACD Analysis



MMM Trading Volume





index	open	high	low	close	volume	moving_avg_3	moving_avg_6	moving_avg_12	rolling_mean	rolling_std
count	292.000000	292.000000	292.000000	292.000000	292.000000	2.920000e+02	292.000000	292.000000	292.000000	292.000000
mean	145.500000	122.490105	128.286246	116.481391	122.659932	6.679502e+07	122.468664	122.231221	121.820000	121.820000
std	84.437354	44.754611	46.434068	43.089875	44.664421	3.075600e+07	44.277917	43.947079	43.378057	43.378057
min	0.000000	44.550000	51.130000	40.870000	45.460000	1.562532e+07	49.656667	53.535000	60.236667	60.236667
25%	72.750000	83.930000	87.777500	80.112500	83.970000	4.869602e+07	83.414167	82.927500	84.065833	84.065833
50%	145.500000	112.245000	121.175000	106.935000	113.190000	6.154065e+07	113.643333	111.562500	110.900000	110.900000
75%	218.250000	156.970000	164.087500	150.220000	156.652500	7.547796e+07	156.517500	157.234167	157.150000	157.150000
max	291.000000	247.440000	259.770000	234.280000	250.500000	3.046284e+08	243.003333	235.705000	219.840000	219.840000