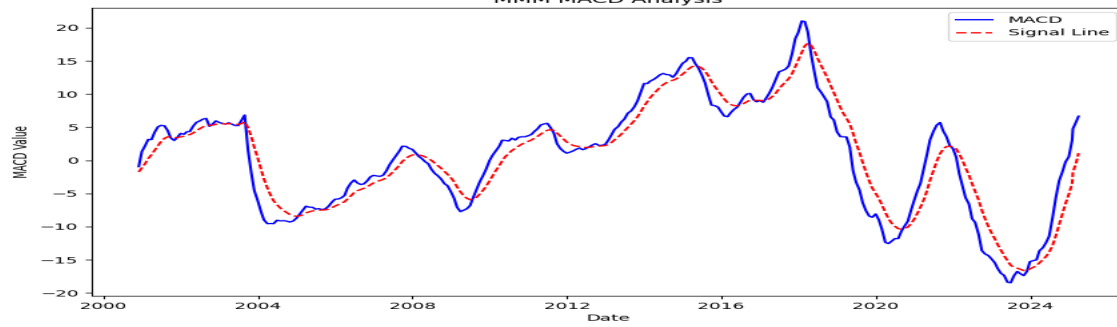


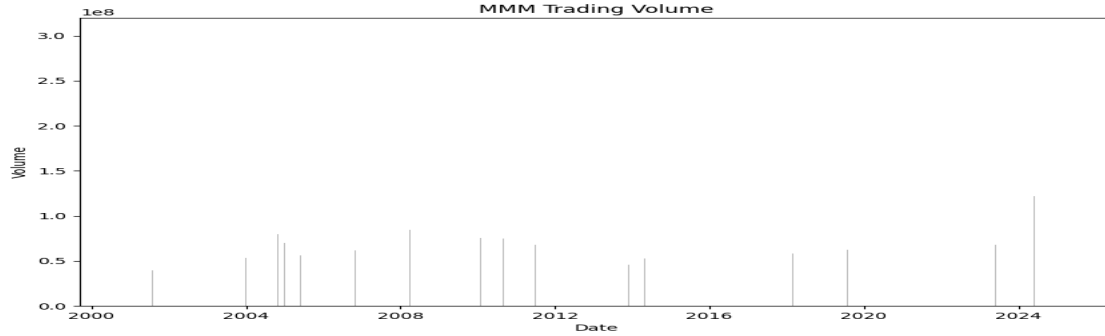
MMM Bollinger Bands Analysis

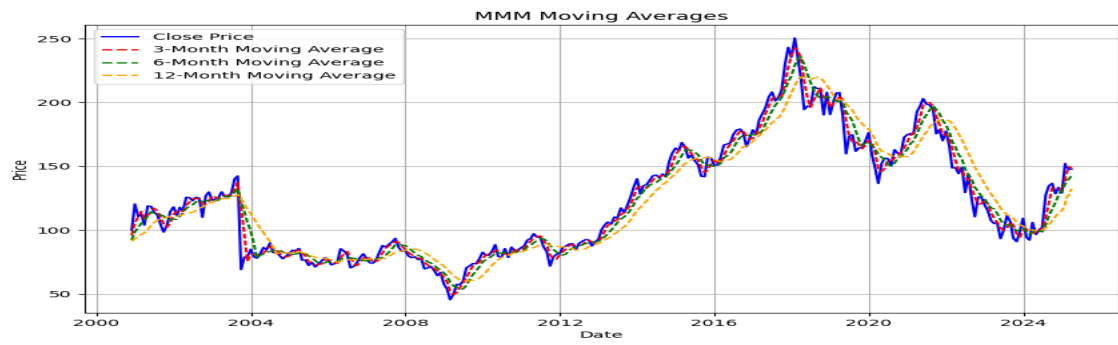


MMM MACD Analysis



MMM Trading Volume





index	open	high	low	close	volume	moving_avg_3	moving_avg_6	moving_avg_12	rolling_mean	rolling_std
count	294.000000	294.000000	294.000000	294.000000	294.000000	2.940000e+02	294.000000	294.000000	294.000000	294.000000
mean	146.500000	122.681329	128.451101	116.658252	122.829796	6.649566e+07	122.649989	122.363804	121.870000	121.870000
std	85.014705	44.663450	46.319399	42.996111	44.559179	3.088830e+07	44.181126	43.826422	43.235805	43.235805
min	0.000000	44.550000	51.130000	40.870000	45.460000	8.044938e+06	49.656667	53.535000	60.236667	60.236667
25%	73.250000	83.995000	87.832500	80.445000	84.040000	4.853269e+07	83.492500	82.970833	84.163958	84.163958
50%	146.500000	113.100000	121.700000	107.110000	113.840000	6.143551e+07	114.040000	112.195833	111.000000	111.000000
75%	219.750000	156.695000	163.672500	149.902500	156.545000	7.524681e+07	156.096667	156.937083	157.030000	157.030000
max	293.000000	247.440000	259.770000	234.280000	250.500000	3.046284e+08	243.003333	235.705000	219.840000	219.840000