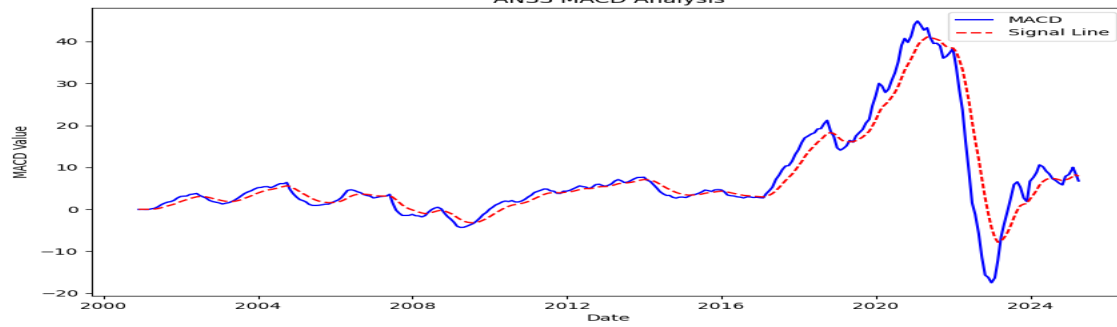


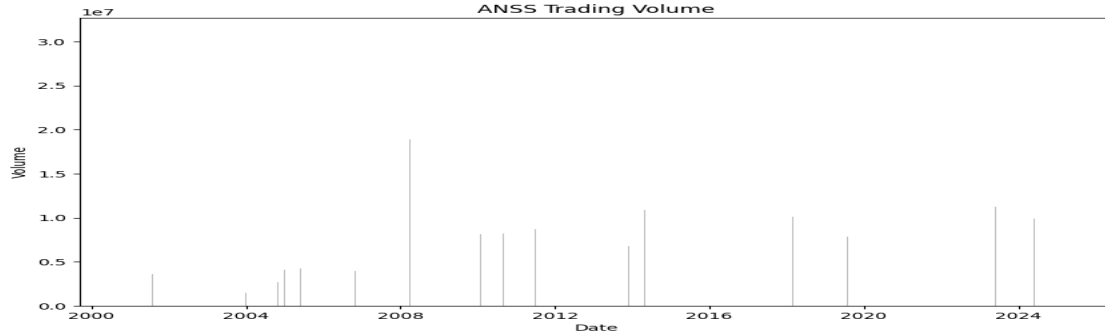
ANSS Bollinger Bands Analysis

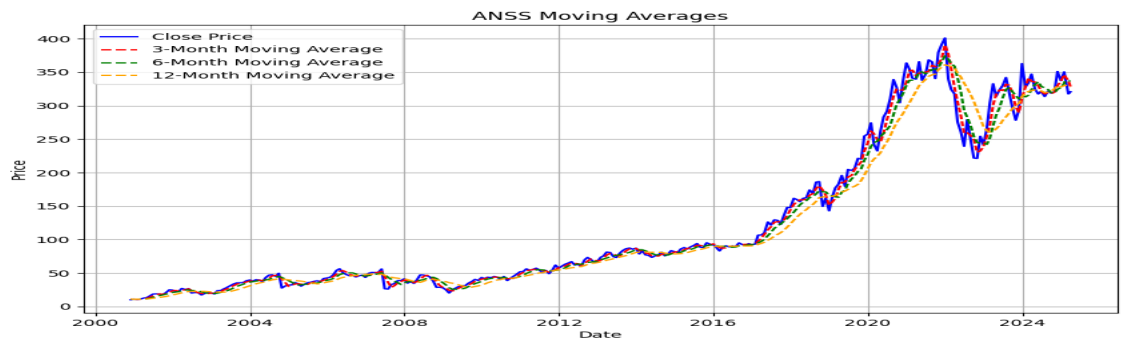


ANSS MACD Analysis



ANSS 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 | 294.000000 | 2.940000e+02 | 294.000000 | 294.000000 | 294.000000 |
| mean | 146.500000 | 120.802806 | 128.537253 | 112.822151 | 121.815650 | 8.878394e+06 | 120.767974 | 119.106982 | 115.822151 | 85.014705 |
| std | 85.014705 | 112.319676 | 118.647262 | 104.700791 | 112.685575 | 5.324129e+06 | 111.965218 | 110.856640 | 108.622600 | 112.319676 |
| min | 0.000000 | 10.140000 | 11.380000 | 8.750000 | 10.130000 | 8.808000e+05 | 10.670000 | 10.938333 | 10.923333 | 10.140000 |
| 25% | 73.250000 | 39.075000 | 42.252500 | 36.040000 | 38.822500 | 5.404247e+06 | 38.965000 | 38.773750 | 38.335729 | 39.075000 |
| 50% | 146.500000 | 73.370000 | 75.475000 | 69.920000 | 73.425000 | 8.257716e+06 | 71.681667 | 70.611667 | 67.262083 | 73.370000 |
| 75% | 219.750000 | 182.955000 | 190.250000 | 174.475000 | 185.162500 | 1.085940e+07 | 179.471667 | 171.312500 | 167.708333 | 182.955000 |
| max | 293.000000 | 398.950000 | 413.890000 | 379.225000 | 401.120000 | 3.114680e+07 | 390.726667 | 374.408333 | 361.000000 | 398.950000 |