**STOCK PRICE ANALYSIS**

**ABOUT THE DATA**

-> Data is retrieved from NASDAQ website for few firms containing stock prices for last 5 years

-> Initial data had 6 columns 'date', 'open', 'high', 'low', 'close' and 'volume of stocks'

-> A new column 'Name' was added to keep track of firm names on row level making it 7 columns in total.

-> The datatypes are 'date’: object

'open’: float64

'high': float64

'low’: float64

'close’: float64

'volume’: int64

'Name’: object

-> Changed the datatype of 'date' column to datetime64[ns] for ease of data handling

**DATA ANALYSIS**

-> Analyzing closing prices of the stocks for different firms. We observe that there is a net increase in the stock price for each firm. Whereas, for AAPL (Apple Inc.) there was a decrease in the stock price from 2015 to 2016-2017 and then it started to increase gradually giving us a net increase in the stock price over period of 5 yrs. We also see a spike in the Google stock price during the month of 07-2015. For Amazon and Microsoft, we see a higher rate of increase in the stock prices

A graph of growth and stock market

Description automatically generated with medium confidence

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