5709-DATA VISUALIZATION

PROJECT-1

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The given project deals with the data of different stocks in a time range of 5 years visualized in various graphical representations like Line chart, Column chart, Table etc. These graphs depict the information about the high, low stock prices, opening and closing stock prices and volume of stocks over a period. Here, I considered all the data given and provided slicers to select for whichever stocks we want for a certain period.

From the above figure, it can be stated that line chart provides us with the low and high stock prices of all stocks in quarter1 of year 2013 as line chart is always good at visualizing large data where two different fields can be compared easily. I have used yellow and blue so that they contrast and gives us a clear view of the graph. Table above represents the stocks by date and their corresponding stock prices. The column chart is used to provide details of the volume of the stocks by period in which lowest volume of stocks were encountered in 2018 while highest being in 2016. All of these are provided with the slicers to select period either date, month, quarter or year. There is also slicer for selecting the stock out of all the stocks.

Power BI tool is used here to create visualization charts which is intuitive tool for providing interactive reports which can be customized according to the requirement. It is very easy and friendly to use being a new learner.