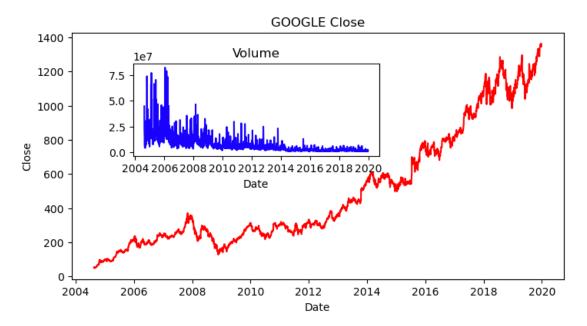
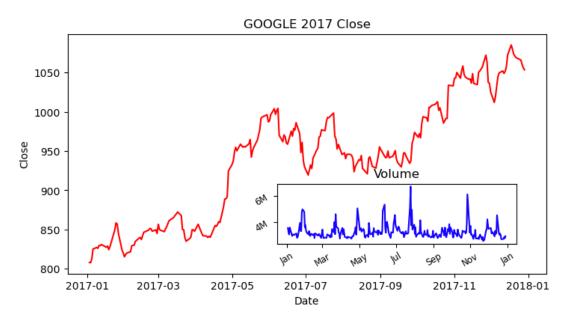
Lab4 – Visualization

1. Using the Data in the csv file GOOGL.csv plot a chart similar to the following for the Adjusted Close and the Adjusted Volume.



2. Refine the plot but use only for the year 2017 changing the positioning and labels slightly.



3. Using the following python code as a starting reference, produce a pie chart similar to the one shown below

```
composition = [17,42,22,19]
assets = ['bonds','stocks','gold','dollars']
colours = ['m','c','y','b']
```

Portfolio 5 Composition

