**Overview of Project**

**Purpose**

The purpose of this project was to refactor a Microsoft Excel VBA code to collect certain stock information in the year 2017 and 2018.SO, We are Checking all the stocks by year wise and determine, We calculate the yearly returns as percentage wise whether it is increasing or decreasing in price .however ,The goal for this round was to increase the efficiency of the original code

The data that is presented includes two charts with stock information on 12 different stocks. The stock information contains a ticker value, the date the stock was issued, the opening, closing and adjusted closing price, the highest and lowest price, and the volume of the stock. The goal is to retrieve the ticker, the total daily volume, and the return on each stock.

**Results**

Before refactoring the code, I began by copying the code that was needed to create the input box, chart headers, ticker array, and to activate the appropriate worksheet.

**summary**

**Pros and Cons of Refactoring Code**

Refactoring helps make our code cleaner and more organized. A few advantages of a code include the design and software improvement, debugging, and faster programming. It may also benefit other users who view our projects because it becomes easier to read.

**Advantage of Refactoring Stock Analysis**

As fast his VBA code will compile the results. When you run the macro for both years, A message box similar to the image below will pop up and show the elapsed time for 2017 and 2018,It will decrease the Macro’s Runtime

**Disadvantage of Refactoring code**

These disadvantages may range from having applications that are too large to not having the proper test cases for the existing codes, which may ultimately pose some risk if we try to refactor our code.