# Purpose of this analysis

The purpose of this analysis to understand how the stock market did between 2017 and 2018.

Based on the dataset I have visualized the formatted the color of cells to provide an easy read means of understanding these outcomes to assist in improving the success of selecting stocks.

**Advantages and Disadvantages of Refactoring Code**

* Advantages:
  + It was easier to identify patterns and outliers that were not easy to see in code
  + It’s easier to find errors in code that are written in conditionals and loops
* Disadvantages:
  + Repeating the same line of code in different locations may change the logic of the code
  + It appears there may be shorter options to improve the speed of performance
  + Refactoring performance testing results were not consistent

**Pros and cons to refactoring the original VBA script**

* Pros:
  + Cleaning and organizing script help the ease to modify and sustain code.
  + Capability to change code base without effecting the behavior
* Cons
  + Run the risks of creating bugs testing will not catch
  + Calculating the costs of these bug risks

**Graphical user interface, application, table, Excel

Description automatically generated**

**Graphical user interface, application, table, Excel

Description automatically generated**