# Project Requirements

GUI Requirements

Simple dashboard with three buttons:

* Import Button (opens select file box)

A screenshot of a computer

Description automatically generated

* Transform Button (performs pandas functions see below. An indication must pop up or somehow show that the ‘Transformation is Complete’)
* Export Button (opens save file box)

A screenshot of a computer

Description automatically generated

Transform Functions using Pandas

Adjust dataframe in the three following ways using Pandas:

* Add column to data frame called ‘Range’ which is the difference between column ‘High’ and ‘Low’.
* Convert column ‘Date’ into datetime objects
* Use dateutil.reletivedelta to add a month to date in new column called ‘Next Month’

Final Product as .exe

* Double clicking on file will open GUI
* File can be opened on any windows computer

Other

* Please add some basic error handling to the program

Assets Attached

* Project Requirements document
* Data frame example file
* An old python script that is a wxpython GUI with some of the transform functions as a guide