**README**

***REQUIRED libraries***

* pip install pandas (For data manipulation)
* pip install numpy (Numerical operations for instance we used log transformations)
* pip install scikit-learn (For ML data processing)
* pip install xgboost (For regression model that is built using xgboost)
* pip install tensorflow (For building neural networks such as in neural.py)
* pip install matplotlib (Data visualization)
* pip install seaborn (For confusion matrices visualisation used in classification.py)

Inbuilt libraries used

* os (working with file paths)
* pathlib (aided in fixing file path issues we had)

Quick Install Required All Libraries!

* pip install pandas numpy scikit-learn xgboost tensorflow matplotlib seaborn

***Running Models in CMD (if not using an ide)***

Set File location of assignment2 file



Running Neural.py



Running Regresion.py



Running Classification.py

