1. The dataset is Kuwait.xlsx (dataset 1) FinancialData.xlsx (dataset 2)
2. Phase 1

Run **Evaluation.py**: for phase 1 results: Accuracy and F1-score of Neural Network, Support Vector Machine and Decision tree, Majority Voting, AdaBoost Ensemble and Random Forest.

1. Phase 2

Run **MLPEvaluate.py**: for phase 3 results. The results of deep neural network (MLP) on dataset1 and dataset2

1. Phase 3

For the analysis results using different architectural configurations, change the number of neurons in each layer in the following functions in file **MultiLayerPerceptron.py**:

**deep\_model\_1layer()**

**deep\_model\_2layer()**

**deep\_model\_3layer()**

**deep\_model\_4layer()**

For analysis results run the file **Analysis.py**.