**As the code file is huge. It wasn’t possible to upload it and therefore please send me an email and I will share the code with you. Many Thanks**

To be able to run the code, make sure you have all the necessary libraries downloaded on your machine such as:

* pandas as pd
* from sklearn.model\_selection import train\_test\_spli
* from sklearn.linear\_model import LogisticRegression
* from sklearn.metrics import accuracy\_score, recall\_score, precision\_score, classification\_report, roc\_curve, auc
* import matplotlib.pyplot as plt
* from sklearn.preprocessing import MinMaxScaler

I have worked on IntelliJ platform and would recommend using the same platform.

Once you opened the project, please edit the file path on line 9. Currently the file is called database.xlsx and is in the project folder.

When you run the file, it takes some time to run as this is a huge project.

If you face any issues, please don’t hesitate to contact me on: hasiddiq@bradford.ac.uk