Machine Learning Group Project Proposal:

Predicting Diagnosis of Diabetes

Team Members (alphabetical order):

* Samarah Azimpoor
* Safoura Janosepah
* Vernon Naidoo
* Jemisa Sadiku

1. Diabetes Data
2. The target is the “Outcome” and it is categorical data set, supervised
3. CSV
4. 768 rows and 8 features
5. Pregnancy
6. Glucose
7. Blood Pressure
8. Skin Thickness
9. Insulin
10. BMI
11. DiabetesPedigreeFunction
12. Age
13. This data set has been taken from <https://www.kaggle.com/shrutimechlearn/step-by-step-diabetes-classification-knn-detailed>
14. The target is the “Outcome”, we wish to use classification models such Decision Tree etc. and calculate the accuracy, precision and F1 score to predict whether or not someone will be diabetic. We wish to compare each model and their performance.