

Project 1 – Red Wine Classification

Kaggle Dataset Link: Click [here](#)

Task: Implement a Red wine quality classifier using a Neural network

Questions to Answer:

1. Perform EDA, Explore the features using histograms, any data preprocessing required.
2. Implement a Neural Network using TF Estimator DNN Classifier
3. Implement a Neural Network using TF.Keras
 - a. Plot training loss and validation loss
 - b. Plot training accuracy and validation accuracy
4. Provide observations/reasoning where necessary and a conclusion section at the end of the notebook.

Submission Instructions: Please just submit one jupyter notebook containing all the code and make use of markdown cells to include the comments, answers, reasoning, analysis, etc.

Note: Name of your file should be your “Project1-id_Firstname_Lastname.ipynb”