

Logistic Regression

[New Attempt](#)

Due Feb 16 by 11:59pm **Points** 5 **Submitting** a file upload **Attempts** 1
Allowed Attempts 2

Develop and evaluate a logistic model to predict the quality (such as high quality and low quality) of red wines according to the several features and calculating test scores. Write your model in Python.

Features that affect wine quality : *'fixed acidity', 'volatile acidity', 'citric acid', 'residual sugar', 'chlorides', 'free sulfur dioxide', 'total sulfur dioxide', 'density', 'pH', 'sulphates', 'alcohol'* .

Please split 80% data for training and 20% data for testing.

Calculate the accuracy of the prediction.

The dataset can be found at Kaggle: [Here](https://www.kaggle.com/uciml/red-wine-quality-cortez-et-al-2009) [_\(https://www.kaggle.com/uciml/red-wine-quality-cortez-et-al-2009\)](https://www.kaggle.com/uciml/red-wine-quality-cortez-et-al-2009)

Submit your code, and test results.