Dataset Description.

**Source:**

Paulo Cortez, University of Minho, Guimarães, Portugal, A. Cerdeira, F. Almeida, T. Matos and J. Reis, Viticulture Commission of the Vinho Verde Region(CVRVV), Porto, Portugal in the year 2009.

**Data Description:**

This project seeks to produce two datasets related to red and white variants of the Portuguese "Vinho Verde" wine. The dataset is obtained from Kaggle. This data set can be viewed as a classification or regression problem.

We are collecting two sets of data corresponding to red and white wines. As part of this project, we plan to merge the two datasets or fit two different models to create a robust regression model to obtain the required accurate results.

**Attribute Information:**

**The predictor variables are:**

1 - fixed acidity  
2 - volatile acidity  
3 - citric acid  
4 - residual sugar  
5 - chlorides  
6 - free sulfur dioxide  
7 - total sulfur dioxide  
8 - density  
9 - pH  
10 - sulphates  
11 - alcohol

**The response variable is:**

12 – quality