**Dataset Explanation**

Input variables (based on physicochemical tests):  
  
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  
  
Output variable (based on sensory data):  
  
12 - **quality** (score between 0 and 10)