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| **Adopted from Data Source: Wine Data Set -** **https://archive.ics.uci.edu/ml/datasets/wine**  Forina, M. et al, PARVUS - An Extendible Package for Data Exploration, Classification and Correlation. Institute of Pharmaceutical and Food Analysis and Technologies, Via Brigata Salerno, 16147 Genoa, Italy. |  |

**Data Set Information:**

These data are the results of a chemical analysis of wines grown in in Italy. The analysis determined the quantities of 13 constituents found in each of the three types of wines.   
  
The attributes are   
1) Alcohol   
2) Malic acid   
3) Ash   
4) Alcalinity of ash   
5) Magnesium   
6) Total phenols   
7) Flavanoids   
8) Nonflavanoid phenols   
9) Proanthocyanins   
10)Color intensity   
11)Hue   
12)OD280/OD315 of diluted wines   
13)Proline   
  
**Attribute Information:**

All attributes are continuous   
  
 Group the wines