**Dataset:** *Wine.data*

**Notebook:** *PCA\_Demo.ipynb*

**Description:** These data are the results of a chemical analysis of wines made out of grapes grown in a region in Italy. But it is derived from three different cultivators. The analysis determined the quantities of 13 constituents found in each of the three types of wines.

**Attributes:**

1. *Column 1:* Alcohol
2. *Column 2:* Malic acid
3. *Column 3:* Ash
4. *Column 4:* Alkalinity of ash
5. *Column 5:* Magnesium
6. *Column 6:* Total phenols
7. *Column 7:* Flavonoids
8. *Column 8:* Nonflavonoid phenols
9. *Column 9:* Proanthocyanins
10. *Column 10:* Color intensity
11. *Column 11:* Hue
12. *Column 12:* OD280/OD315 of diluted wines
13. *Column 13:* Proline

**Source:** uci.edu

**Zenodo:** [https://zenodo.org/record/4159222#.X5u7L4gzZzo](https://zenodo.org/record/4159222%23.X5u7L4gzZzo%20%20)