

CS5785: Homework #0

Due on September 10, 2020

Ziyu Song (zs363)

1 Problem: Setting Up Python

Set up Python environment. I mainly used pip for installing packages I used for this homework.

2 Problem: Iris Flowers

Visualized and analyzed Iris Flowers Dataset [1] [2]. Read and parse the data. Draw the scatterplot of the Iris Data Set to analyse the data.

In the Iris dataset, there are 150 instances, 4 attributes per sample, 3 different classes (species), 50 samples for each species.

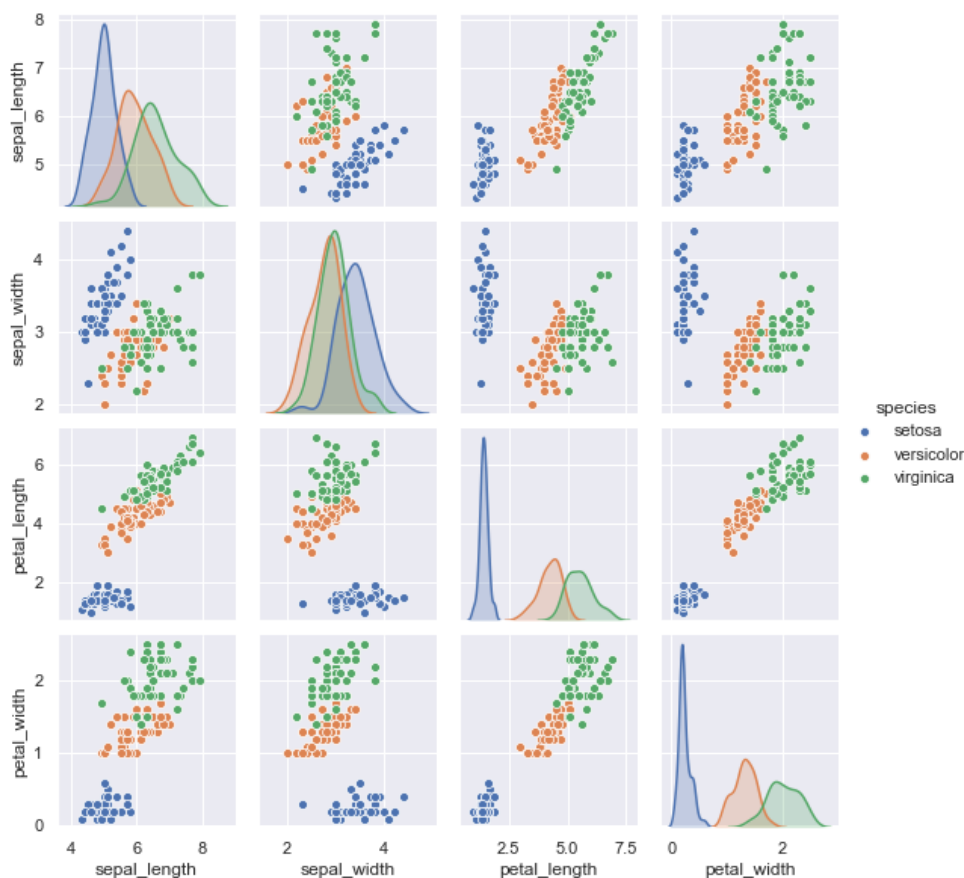


Figure 1: Iris Dataset Scatterplot

I used the seaborn library for data visualization.

References

- [1] D. Dua and C. Graff, “UCI machine learning repository,” 2017. [Online]. Available: <http://archive.ics.uci.edu/ml>
- [2] “Iris data set.” [Online]. Available: <https://archive.ics.uci.edu/ml/datasets/iris>