Modern Analytics

HW0

Bochen Wang

Tianyuan Liu

This homework is really easy to finish.

I have done the following things:

1. set up the python development environment including Anaconda, Spyder.
2. downloaded the data file and loaded it into a N\*p matrix called iris\_data and a N\*1 column vector called iris\_target.
3. used the seaborn library to plot the figure I need. And the figure looks pretty good.

File Explanation:

Homework0.py the python source code of HW0

iris.data the Iris data file

write-up the write-up file

pairfig.png the figure that includes every possible scatterplot from all pairs of two attributes