### Directory structure:

code/: Jupyter notebooks and Python files

data/: Datasets as csv files

### Code dependencies:

Python3

scikit-learn

matplotlib

numpy

pandas

load\_data.py in code/

### Instructions for running the code:

There are two Jupyter notebooks:

supervised\_learning.ipynb for the Breast Cancer dataset

supervised\_learning\_2.ipynb for the Wine Quality dataset

Open them using

jupyter notebook <notebook-name>

Running all the cells will produce the graphs and print the results reported in the analysis.

The file load\_data.py contains helper functions to load the datasets from csv files.

we have to cite for referencing scikit-learn web tutorial (<https://scikit-learn.org/>)

A single citation is OK. Any sort of libraries you're using in your code or information about running the code (versions, scripts to run, et cetera) should all be within your README.