

CSD341 Project

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Predicting Boston Housing Prices

Installation

This project requires Python 2.7, or higher and the following Python libraries installed:

- NumPy
- matplotlib
- scikit-learn

You will also need to have software installed to run and execute an iPython Notebook. We have used Anaconda in the demo video.

Code

Template code is provided in the `boston_housing.ipynb` notebook file. `visuals.py` Python file and the `housing.csv` dataset file also need to be included.

Run

In a terminal or command window, navigate to the top-level project directory `boston_housing/` (that contains this README) and run one of the following commands:

```
ipython notebook boston_housing.ipynb  
jupyter notebook boston_housing.ipynb
```

This will open the iPython Notebook software and project file in your browser.

Data

The dataset used in this project is included with the scikit-learn library (`sklearn.datasets.load_boston`). You do not have to download it separately. You can find more information on this dataset from the UCI Machine Learning Repository page.