Power Hour: Python Aug 14th, 2020

Today, we will be creating a real estate price estimator. The idea is to use the concepts we learned in python 1,2 and 3 to create a simple but useful machine learning model. Upon running the code, data will be imported, visualized and used to train a machine learning model that will generate price estimates for new properties.

Outline

* We will import the dataset
* Perform some EDA (Exploratory Data Analysis)
* Train a regression model to predict the price of the house given its characteristics
* Test our model on a new (unseen) property

The attached .py and .ipynb files are set up for you with some hints provided. If you don't want any help at all, you can start from a new file (we can go over this if you need help).

Feel free to ask questions throughout the session if you need help. If you finish early, I’d be happy to give your ideas on how to extend the project and challenge you with concepts we haven’t covered in the bootcamps.

Good Luck!