Mini Project: Machine Learning for Prediction by Regression

In the file `house-data.csv` you will find data from the property market in King County, USA.

Your task is to use the data for training a regression model that can be used for prediction of prices of properties not listed in the file.

- Consider exploration, cleaning and pre-processing the data before using it for building a model.
- Reduce the dimensionality of the model by selecting the most informative attributes as training data.
- Apply different types of regression models and compare their accuracy in prediction.
- Store the best fitted model for future use.
- Create a demo web application, which enables the user to load the model and data about a property and receive approximate prediction of the value of that property.
- Use Streamlit framework for creating user interface with data visualisation
- Deploy the application either on your local machine or on the free Streamlit community cloud.

Submit a link to Github repository of your solution, where in the readme file provide answers of the following questions:

- What type/s of regression have you applied?
- Which were the challenges?
- How accurate is your solution?
- What could be done for further improvement of the accuracy?

This is a group project.
The solution brings 20 more study points to your collection.
The submission deadline is Sunday, the 17th September, 23:59.