

## **Case Study 01 Supervised Learning**

### **Predicting Housing Prices for regions in the USA.**

The data contains the following columns:

- 'Avg. Area Income': Avg. Income of residents of the city house is located in.
- 'Avg. Area House Age': Avg Age of Houses in same city
- 'Avg. Area Number of Rooms': Avg Number of Rooms for Houses in same city
- 'Avg. Area Number of Bedrooms': Avg Number of Bedrooms for Houses in same city
- 'Area Population': Population of city house is located in
- 'Price': Price that the house sold at
- 'Address': Address for the house

Predict the price of a house in USA using Regression

#### **Please note the following:**

- Use the USA Housing data file attached along with the question.
- Give headings to each step you are doing.
- Do the assignment in Jupyter notebook/colab
- Create a repository in GitHub account as "Public".
- Upload the notebook file (. ipynb) to the repository.
- Please make sure that you are uploading the notebook file including the outputs as well.
- Share the link of this notebook from GitHub in the online text editor provided in Paatshala.