**Problem Statement:**

Your neighbour is a real estate agent and wants some help predicting housing prices for regions in a city. It would be great if you could somehow create a model for her that allows her to put in a few features of a house and returns back an estimate of what the house would sell for. She has asked you if you could help her out with your new data science skills. Your neighbour then gives you some information about a bunch of houses in regions of the city, it is all in the data set: domum.csv.

**Fields in the dataset:**

'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.

1. Identify and define the problem statement clearly also mention why it is necessary for an organisation to solve the problem.
2. Define any hypothesis if possible.
3. Do the EDA of dataset and explain every step and the observation you got form the dataset?
4. Develop a machine learning algorithm.