**Houses prices in the U.S.A**

**Backstory: –**

A property company wants to predict the house price for regions in the USA. The company gave us the dataset to work on and we decided to use the Linear Regression Model. We suppose Creating a model that will help him to estimate of what the house would sell for.

**The dataset:**

we gathered the dataset from their website century21global.com/ar/for-sale-residential/USA, another source (structured dataset) which contains 7 columns and 1001 rows with CSV extension. The data contains the following columns:

* **‘Avg. Area Income’** – Avg. The income of the householder of the city house is located.
* **‘Avg. Area House Age’**– Avg. Age of Houses in the same city.
* **‘Avg. Area Number of Rooms’** – Avg. Number of Rooms for Houses in the same city.
* **‘Avg. Area Number of Bedrooms’**– Avg. Number of Bedrooms for Houses in the same city.
* **‘Area Population’** – Population of the city.
* **‘Price’** – Price that the house sold at.
* **‘Address’** – Address of the houses.

**Tools:**

The used main tool is **Jupiter Notebook, Python**. Also,

Libraries: Numpy, matplotlib,correlation and pandas. In addition, creating and evaluating Linear Regression Model.

NAMES: