



## Liner Regression (Riyadh Houses Price Prediction)

**By: Ebtesam Sultan - Nuha Aljohani**

---

### **Question/Problem statement:**

The Primary goal is to predict sale prices for houses in Riyadh.

### **Data Description:**

we extract our dataset from Aqar website and scraped data with the 6 number of columns: city, location, price, bedrooms number, bathrooms number and Size of each house and 1575 number of rows.

### **Tools:**

**Programs:** Python and Jupiter Notebook.

**Libraries:** Beautiful Soup, Requests, Pandas, NumPy, sklearn.metrics, Statsmodels, Warnings, Matplotlib and Seaborn.

**Plots:** heatmap plot and pair plot.

### **MVP Goal:**

The goal of this project is predicting the prices of the house based on the giving features.