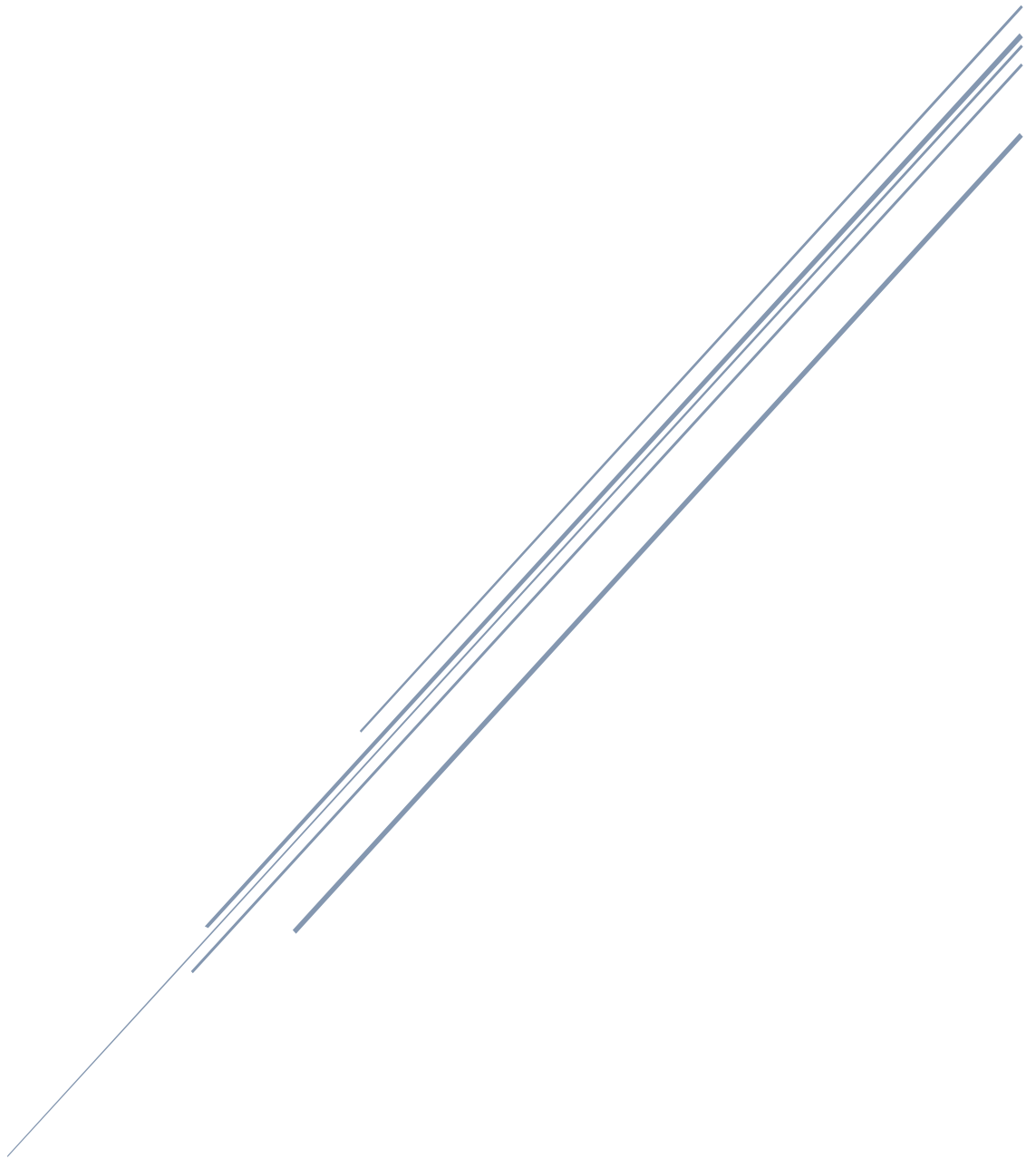


Predicting Apartment Rentals in Riyadh Using Linear Regression

By Hussain Alhadab, Mohammed Hamoud, Feras Alyahya,
and Ahmed Alonaizi



Problem Statement:

In Riyadh, for years apartments renters are being taken advantage of by opportunistic real estate owners and rental agencies. We are developing a linear regression model to predict the best prices that fits the specifications and location of the apartment.

Question:

The questions of my proposal would be:

- What are the average prices for apartment rentals in Riyadh neighborhoods?
- Who would benefit from exploring this question or building this model/system?
- Knowing the owners of rental apartments, the price of renting their apartments

Data Description:

Field Name	Description	Data Type
District	Neighborhood (Alaqiq)	String
Price	Apartment price	Integer
Size	Apartment space	Integer
Rooms	Number of rooms	Integer
Baths	Number of baths	Integer

Tools:

- Python
- Pandas
- Sklearn
- Beautifulsoup
- Statsmodels
- Matlibplot
- Seaborn
- Plotly