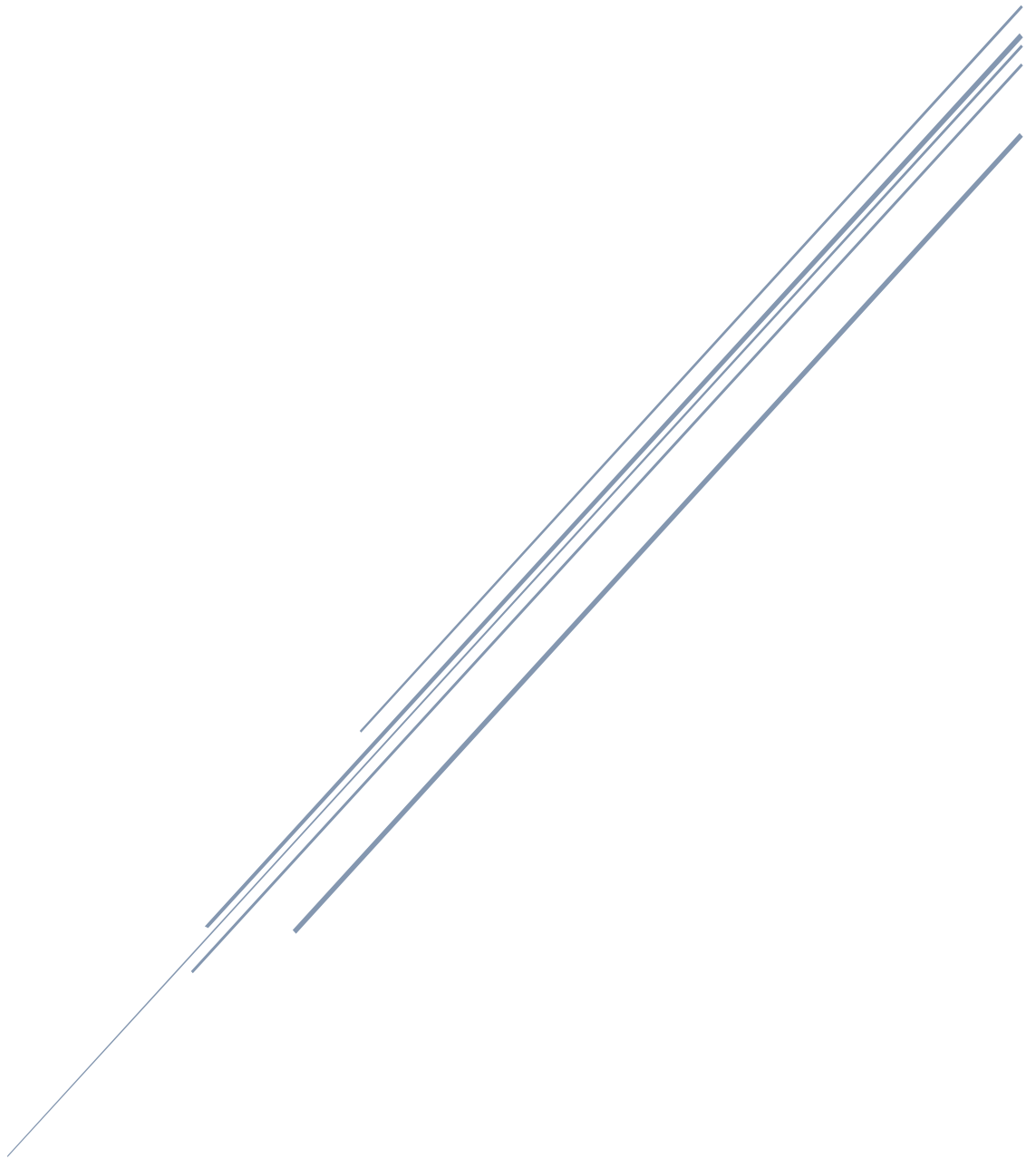


# Predicting Apartment Rentals in Riyadh Using Linear Regression

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## **Problem Statement:**

Many of apartments owners struggle to set the optimal price for rent due to their lack of experience in rent prices. 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