

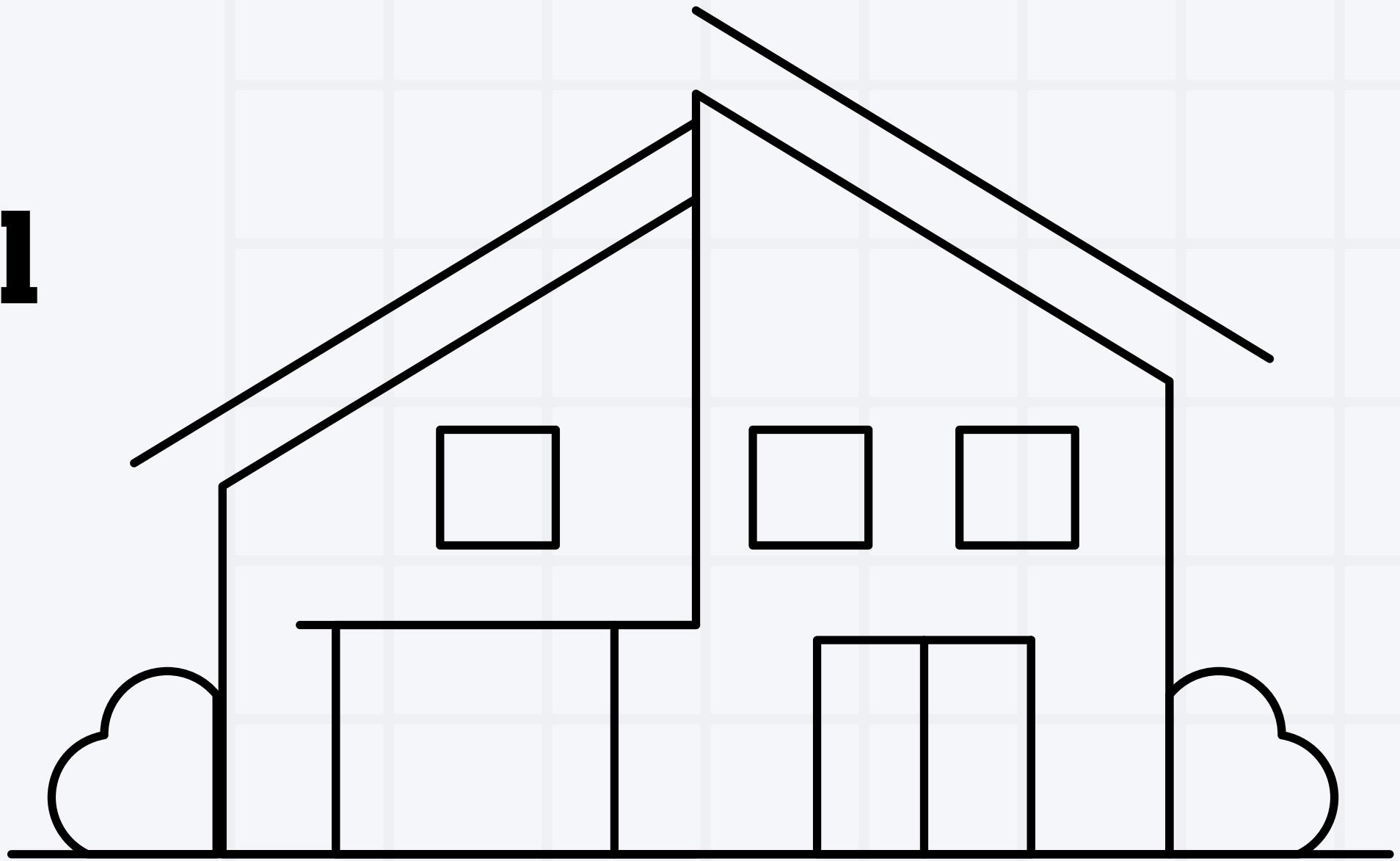
Question with the audience ?

It is the most stable investment and the most popular project in which anyone who has capital is advised to put his money into it. In addition to this, many popular proverbs have been used about it, including those who said that he is the righteous son. What is he?



Saudi Arabia Real Estate (AQAR)

Presented by : Safa Nasser-Areej Alnamlah





THE GOAL

The goal of this statistical analysis is to help us understand the relationship between house features and how these variables are used to predict the house price.

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This dataset aims to help analyzing the real estate of those cities to investigate the relationships of prices with other features. The dataset is collected and scrapped from Aqar website <https://sa.aqar.fm/>

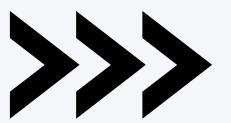




About Dataset

Number of rows and columns: (3718, 24)

- city
- district
- front
- size
- property_age
- bedrooms
- bathrooms
- livingrooms
- kitchen
- garage
- driver_room
- maid_room
- furnished
- roof
- pool
- ac
- frontyard
- basement
- duplex
- stairs
- elevator
- fireplace
- price
- details



The chosen cities are Riyadh, Jeddah, Dammam, and Al-Khobar

- Riyadh is the capital and largest city in Saudi Arabia, with the largest municipal population in the Middle East. Riyadh has a diverse range of people and cultures, it is still growing day by day
- Dammam it lies on the Persian Gulf northwest of Bahrain Island and forms a larger metropolitan and industrial complex with Khobar, Qatif, and Dhahran.
- Jeddah which located in the middle of the eastern coast of the red sea and is considered the economic and tourism capital of the country.
- Al-Khobar city is one of the three main cities in the Eastern Province, the others being Dammam and Dhahran. It is developing into an important industrial city, with factories turning out industrial gas, dairy products, carbonated water, tissue paper and ready-made garments.



encoding

```
SA_Aqar_df = pd.read_csv('/content/SA_Aqar.csv', encoding = 'unicode_escape')
```

```
print(SA_Aqar_df.head())
```

	city	district	front	size	property_age	\
0	الرياض	حي العارض	شمال	250	0	
1	الرياض	حي القادسية	جنوب	370	0	
2	الرياض	حي القادسية	جنوب	380	0	
3	الرياض	حي المعizلة	غرب	250	0	
4	الرياض	حي العليا	غرب	400	11	

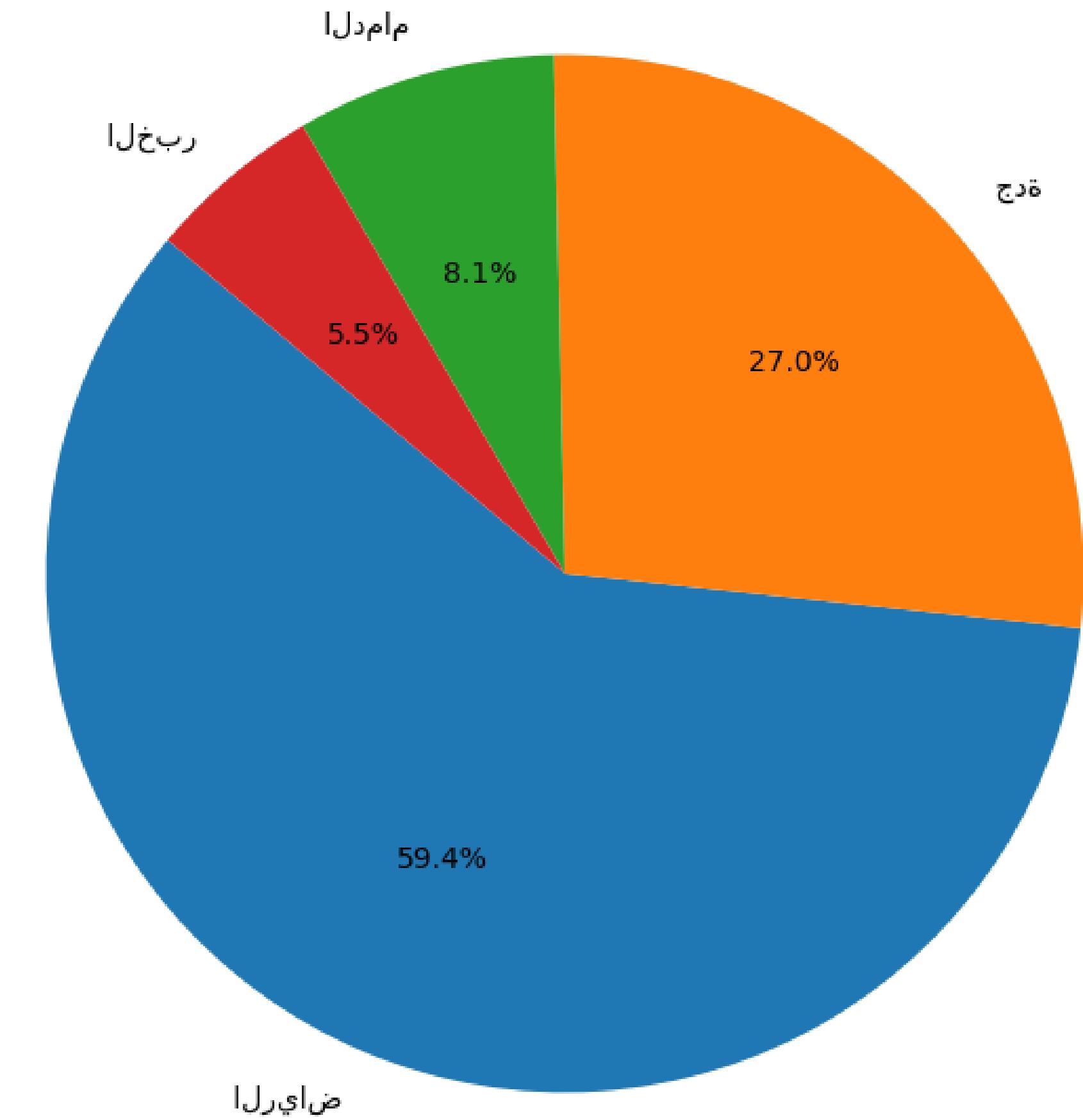
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```

```
print(SA_Aqar_df.head())
```

	city	district	front	size	property_age	bedrooms	bathrooms	\
0	5	5	0	250	حي العارض	شمال	الرياض	
1	5	4	0	370	حي القادسية	جنوب	الرياض	
2	5	4	0	380	حي القادسية	جنوب	الرياض	
3	5	5	0	250	حي المعizلة	غرب	الرياض	
4	5	7	11	400	حي العليا	غرب	الرياض	

>>>

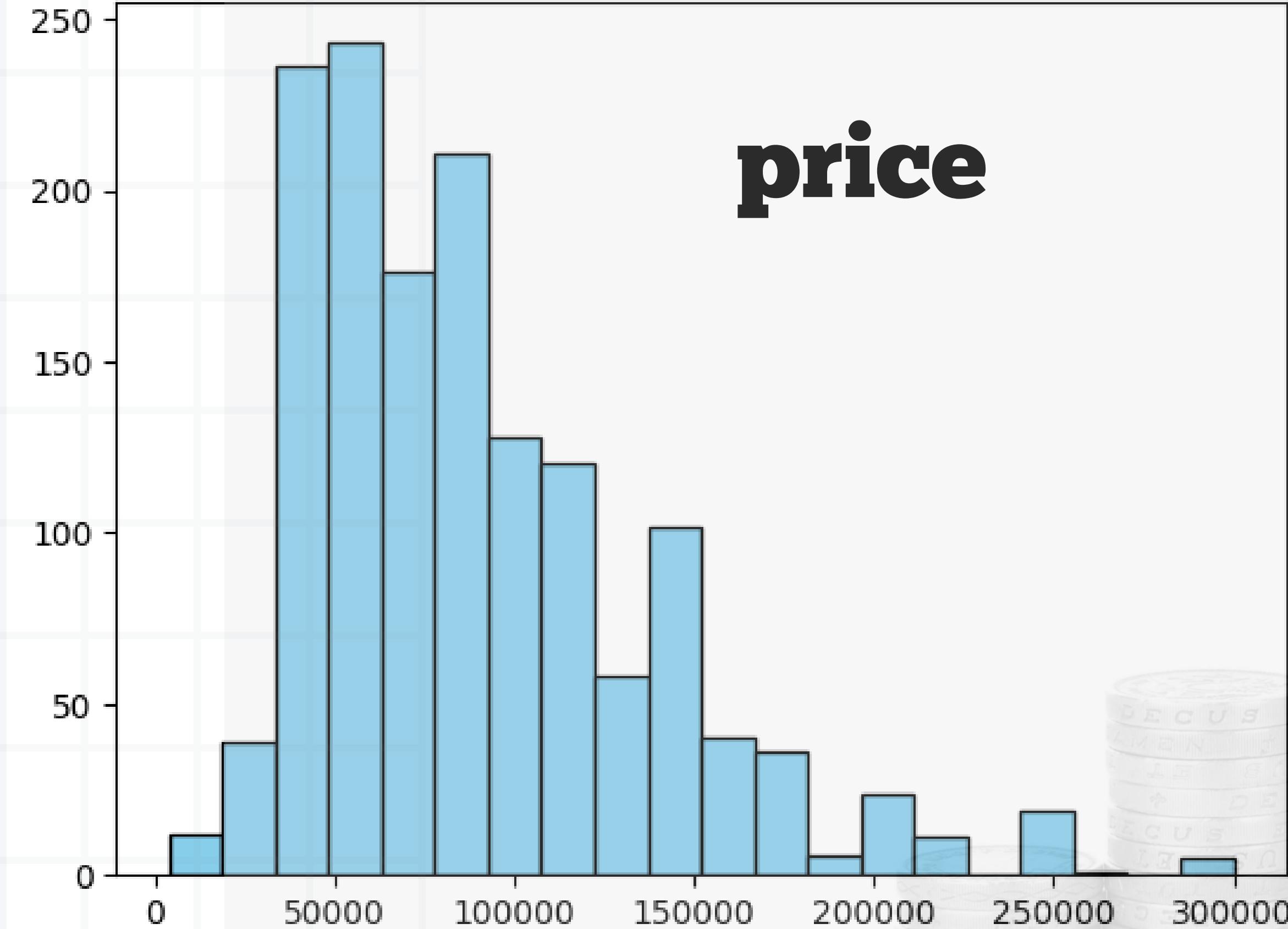
Pie Chart of city Distribution



city

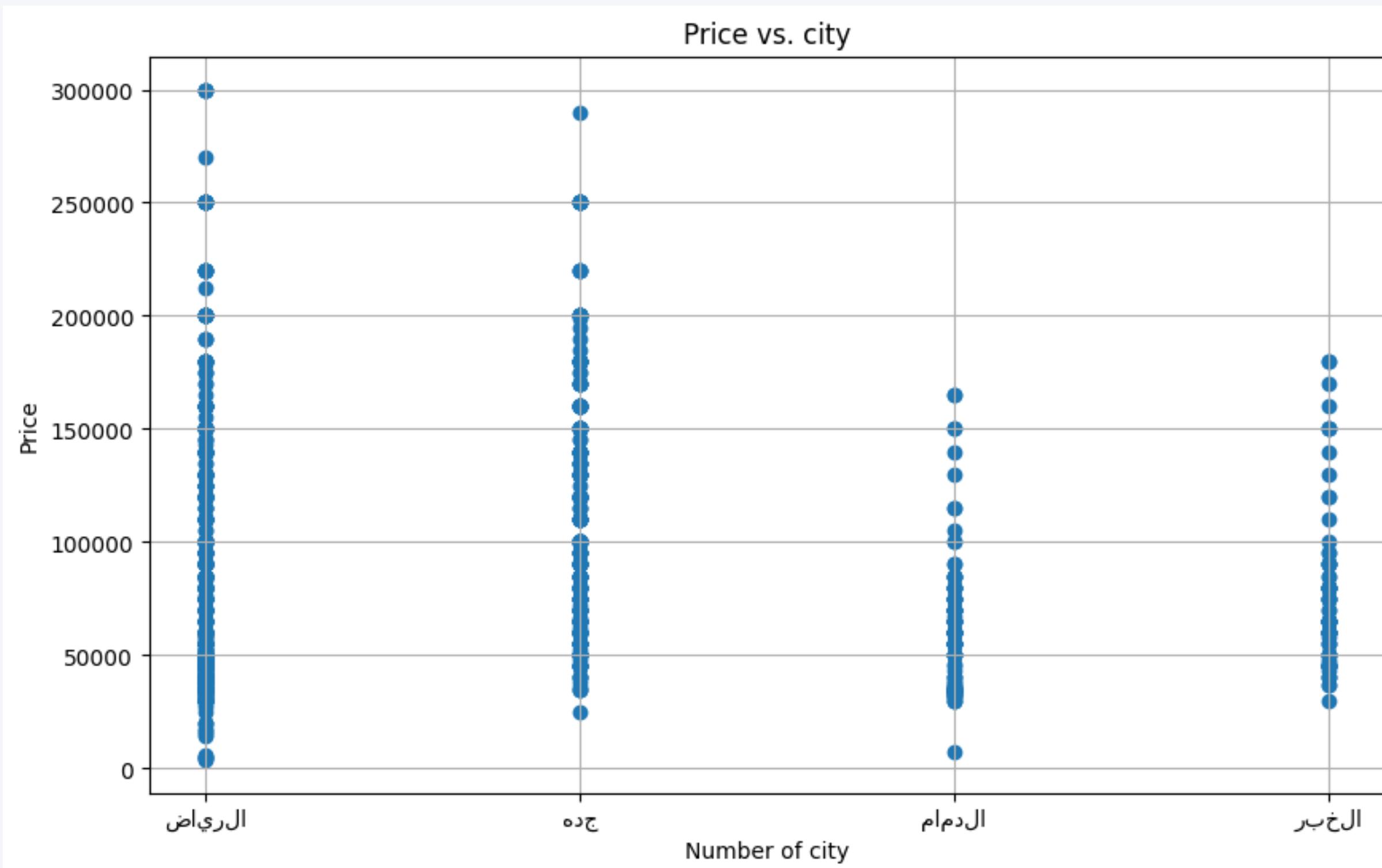
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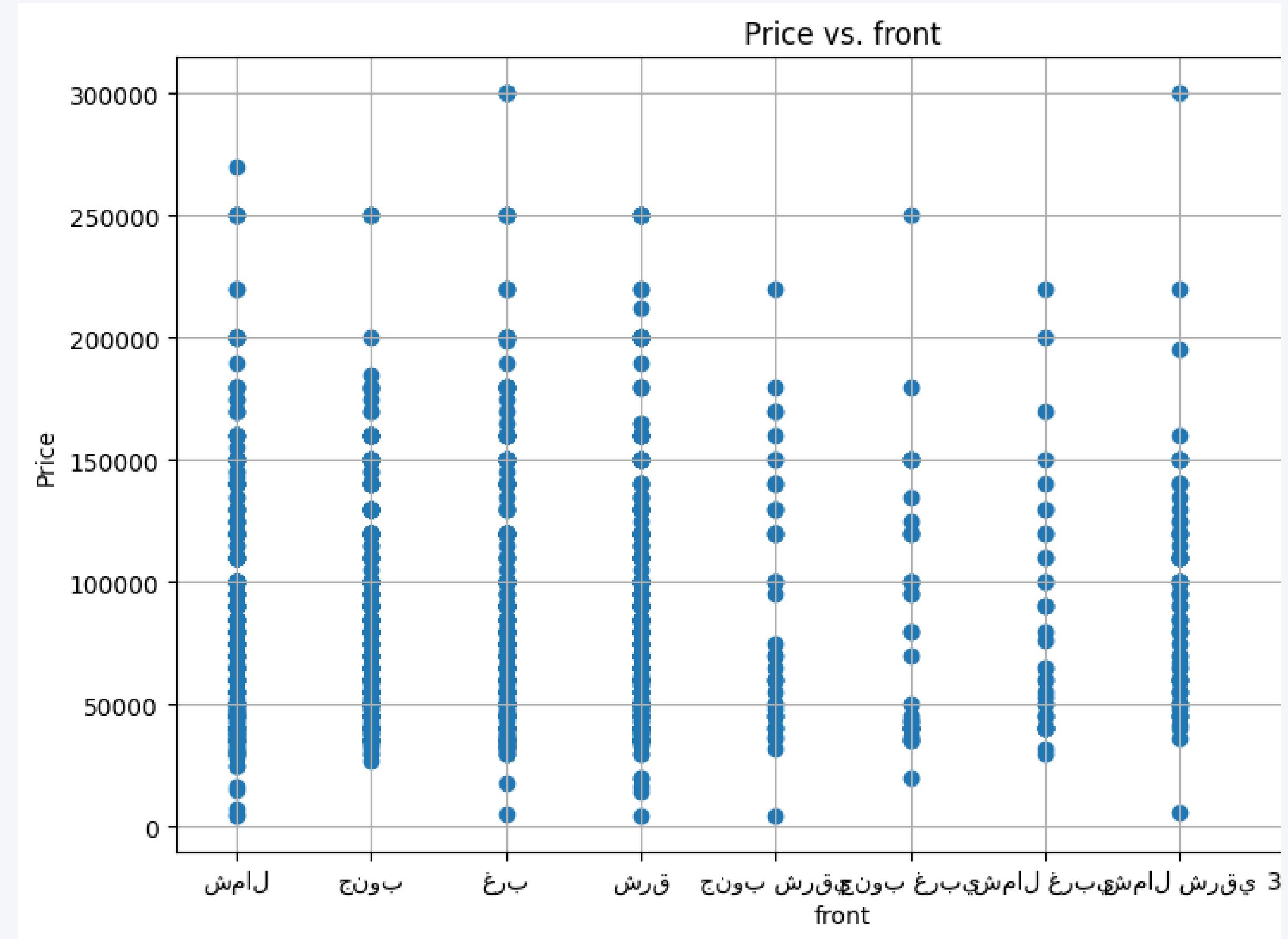


price

Price vs. city



Price vs. front





Thank You

