An aerial photograph of a city, likely Pune, India, showing a mix of urban development and greenery. A multi-lane highway runs through the lower half of the image, with several vehicles visible. To the left of the highway, there are several multi-story buildings, some with balconies and air conditioning units. One building has a large white sign with the number '9822009521'. To the right of the highway, there are more buildings, some with blue roofs, and a large area of green trees. In the background, more city buildings are visible, and the horizon shows rolling hills under a clear sky.

Data Analysis of Residencial Listings for Renting in Pune on Magicbricks using MySQL

Arindam Bhunia

Magicbricks Business Strategy

- Magicbricks, founded in 2006, is a leading Indian real estate platform connecting buyers, sellers, and renters.
- It offers a seamless marketplace for residential and commercial properties with features like verified listings, price trends, and AI-driven recommendations.
- Serving metro and smaller cities, it empowers users with insights and tools for informed decisions.

The logo for Magicbricks, featuring the word "magicbricks" in a white, lowercase, sans-serif font, centered within a solid red rectangular background.The logo for 99acres, featuring the text "99acres" in a large, blue, sans-serif font, with the "99" being significantly larger than the word "acres". Below it, the tagline "India's No.1 Property Portal" is written in a smaller, black, sans-serif font.

Popular Real Estate Companies in India

About the Dataset

- The provided text is a dataset of rental properties in different metro cities in India listed on **Magicbricks**.
- Each row represents a single property, listing details such as house type, location, size, number of bedrooms and bathrooms, balconies, furnishing status, area rate, rent, and room type (e.g., "1 BHK").
- The dataset is organized in a tabular format with **7691 rows** and **10 columns**. Each row represents a unique ride, and the columns provide detailed information about each ride.
- Format of File - .csv

Description of the Dataset

Column	Descriptions	Values
house_type	Type of house	
locality	Locality where the Residential property is located	
city	City where the Residential property is located	
area	Area of property for renting in sq. ft.	Completed, cancelled
beds	No. of bedrooms in the property	1, 2, 3, etc.
bathrooms	No. of bathrooms in the property	1, 2, 3, etc.
balconies	No. of balconies in the property	0, 1, 2 etc.
furnishing	Type of furnishing in the property	Unfurnished, Semi-furnished, Furnished
area_rate	Rent per sq. ft.	
rent	Total rent	

Outlook of the Dataset

house_type	locality	city	area	beds	bathrooms	balconies	furnishing	area_rate	rent
2 BHK Flat for Rent in Oberoi Woods, Goregaon East, Mumbai	Goregaon East	Mumbai	897	2	2	0	Semi-Furnished	134	120000
1 BHK Flat for Rent in Sapphire Lakeside, Powai, Mumbai	Powai	Mumbai	490	1	1	0	Semi-Furnished	82	40000
1 BHK House for Rent in Mundhwa Pune	Mundhwa	Pune	550	1	1	0	Unfurnished	22	12000
2 BHK Flat for Rent in Hingna, Nagpur	Hingna	Nagpur	1000	2	2	0	Unfurnished	8	8000
1 BHK Flat for Rent in Unique Star Harsh Vihar, Mira Road Area, Mumbai	Mira Road	Mumbai	595	1	1	0	Unfurnished	25	15000
1 BHK House for Rent in Jakkur Bangalore	Jakkur	Bangalore	600	1	1	0	Unfurnished	27	16000
3 BHK Flat for Rent in Chittaranjan Park, New Delhi	Chittaranjan Park	New Delhi	1260	3	3	2	Unfurnished	47.66667	60000
3 BHK Flat for Rent in Soami Nagar South, Soami Nagar, New Delhi	Soami Nagar South	New Delhi	2700	3	3	2	Semi-Furnished	74.11111	200000
1 BHK House for Rent in Hadapsar Pune	Hadapsar	Pune	650	1	1	0	Unfurnished	17	11000
1 BHK Flat for Rent in Riverdale Suites, Kharadi, Pune	Kharadi	Pune	495	1	1	0	Unfurnished	48	24000
4 BHK House for Rent in Indiranagar Bangalore	Indira Nagar	Bangalore	2000	4	3	0	Semi-Furnished	40	80000
3 BHK Flat for Rent in Whitefield, Bangalore	Whitefield	Bangalore	1543	3	3	0	Unfurnished	39	60000
1 BHK Flat for Rent in Hiranandani Gardens, Powai, Mumbai	Powai	Mumbai	380	1	2	0	Furnished	184	70000
3 BHK Flat for Rent in Rustonjee Seasons, Bandra East, Mumbai	Bandra East	Mumbai	1281	3	3	0	Semi-Furnished	222	290000
4 BHK Flat for Rent in Bandra East, Mumbai	Bandra East	Mumbai	2200	4	4	3	Unfurnished	159	350000
4 BHK Flat for Rent in Oberoi Prisma, Jogeshwari Vikhroli Link Road, Mumbai	Jogeshwari Vikhroli Link Road	Mumbai	2600	4	5	0	Semi-Furnished	92	240000
2 BHK Flat for Rent in Godrej Elements, Hinjawadi, Pune	Hinjewadi	Pune	862	2	2	2	Semi-Furnished	35	30000
3 BHK Flat for Rent in Jyoti Nagar East, New Delhi	Jyoti Nagar East	New Delhi	1080	3	2	0	Semi-Furnished	23	25000
1 BHK Flat for Rent in Madanpur Khadar Village, New Delhi	Madanpur Khadar Village	New Delhi	700	1	1	0	Semi-Furnished	19	13000
3 BHK Flat for Rent in CV Raman Nagar, Bangalore	C V Raman Nagar	Bangalore	1900	3	3	3	Semi-Furnished	37	70000
2 BHK Flat for Rent in Blossom N Springs, Baner, Pune	Baner	Pune	1000	2	2	2	Semi-Furnished	35	35000
3 BHK Flat for Rent in Dudulgaon, Alandi, Pune	Dudulgaon	Pune	819	3	2	2	Unfurnished	24	20000
1 BHK Flat for Rent in Mohan Nagar, Nagpur	Mohan Nagar	Nagpur	400	1	1	0	Unfurnished	25	10000
4 BHK Flat for Rent in Eon Waterfront, Kharadi, Pune	Kharadi	Pune	2500	4	6	3	Semi-Furnished	37	92000
2 BHK Flat for Rent in Balagere, Bangalore	Balagere	Bangalore	1200	2	2	2	Semi-Furnished	16	19000
2 BHK Flat for Rent in Anirudha Residency, Manewada, Nagpur	Manewada	Nagpur	990	2	2	2	Semi-Furnished	11	11000
1 BHK Flat for Rent in Wadala West, Mumbai	Wadala West	Mumbai	400	1	2	0	Semi-Furnished	100	40000
2 BHK Flat for Rent in Gini Belvista Phase II, Dhanori Road, Pune	Dhanori Road	Pune	750	2	2	2	Semi-Furnished	35	26500
2 BHK House for Rent in Medahalli Bangalore	MedaHalli	Bangalore	300	2	2	0	Semi-Furnished	83	25000

Uploading Dataset in MySQL Server using MySQL WorkBench

```
-- creating new database
```

- ```
create database magicbricks_db;
```

```
-- setting the dataset to be default
```

- ```
use magicbricks_db;
```

Configure Import Settings

Detected file format: csv 

Encoding:

Columns:

<input checked="" type="checkbox"/> Source Column	Field Type
<input checked="" type="checkbox"/> house_type	<input type="text" value="text"/>
<input checked="" type="checkbox"/> locality	<input type="text" value="text"/>
<input checked="" type="checkbox"/> city	<input type="text" value="text"/>
<input checked="" type="checkbox"/> area	<input type="text" value="double"/>
<input checked="" type="checkbox"/> beds	<input type="text" value="bigint"/>
<input checked="" type="checkbox"/> bathrooms	<input type="text" value="bigint"/>
<input checked="" type="checkbox"/> balconies	<input type="text" value="bigint"/>
<input checked="" type="checkbox"/> furnishing	<input type="text" value="text"/>
<input checked="" type="checkbox"/> area_rate	<input type="text" value="double"/>
<input checked="" type="checkbox"/> rent	<input type="text" value="double"/>

house_type	locality	city	area	beds	bathrooms	balconies	furnishing	area_rate	rent
2 BHK Flat for Rent in Oberoi Woods, Goregaon East, Mumbai	Goregaon East	Mumbai	897.0	2	2	0	Semi-Furnished	134.0	120000.0
1 BHK Flat for Rent in Sapphire Lakeside, Powai, Mumbai	Powai	Mumbai	490.0	1	1	0	Semi-Furnished	82.0	40000.0
1 BHK House for Rent in Mundhwa Pune	Mundhwa	Pune	550.0	1	1	0	Unfurnished	22.0	12000.0
2 BHK Flat for Rent in Hingna, Nagpur	Hingna	Nagpur	1000.0	2	2	0	Unfurnished	8.0	8000.0
1 BHK Flat for Rent in Unique Star Harsh Vihar, Mira Road Area...	Mira Road	Mumbai	595.0	1	1	0	Unfurnished	25.0	15000.0

Viewing the Full Table

```
-- Viewing the full table
```

- ```
select *
from magicbricks;
```

|   | house_type                                                             | locality          | city      | area | beds | bathrooms | balconies | furnishing     | area_rate          | rent   |
|---|------------------------------------------------------------------------|-------------------|-----------|------|------|-----------|-----------|----------------|--------------------|--------|
| ► | 2 BHK Flat for Rent in Oberoi Woods, Goregaon East, Mumbai             | Goregaon East     | Mumbai    | 897  | 2    | 2         | 0         | Semi-Furnished | 134                | 120000 |
|   | 1 BHK Flat for Rent in Sapphire Lakeside, Powai, Mumbai                | Powai             | Mumbai    | 490  | 1    | 1         | 0         | Semi-Furnished | 82                 | 40000  |
|   | 1 BHK House for Rent in Mundhwa Pune                                   | Mundhwa           | Pune      | 550  | 1    | 1         | 0         | Unfurnished    | 22                 | 12000  |
|   | 2 BHK Flat for Rent in Hingna, Nagpur                                  | Hingna            | Nagpur    | 1000 | 2    | 2         | 0         | Unfurnished    | 8                  | 8000   |
|   | 1 BHK Flat for Rent in Unique Star Harsh Vihar, Mira Road Area, Mumbai | Mira Road         | Mumbai    | 595  | 1    | 1         | 0         | Unfurnished    | 25                 | 15000  |
|   | 1 BHK House for Rent in Jakkur Bangalore                               | Jakkur            | Bangalore | 600  | 1    | 1         | 0         | Unfurnished    | 27                 | 16000  |
|   | 3 BHK Flat for Rent in Chittaranjan Park, New Delhi                    | Chittaranjan Park | New Delhi | 1260 | 3    | 3         | 2         | Unfurnished    | 47.666666666666666 | 60000  |
|   | 3 BHK Flat for Rent in Soami Nagar South, Soami Nagar, New Delhi       | Soami Nagar South | New Delhi | 2700 | 3    | 3         | 2         | Semi-Furnished | 74.11111111111111  | 200000 |
|   | 1 BHK House for Rent in Hadapsar Pune                                  | Hadapsar          | Pune      | 650  | 1    | 1         | 0         | Unfurnished    | 17                 | 11000  |
|   | 1 BHK Flat for Rent in Riverdale Suites, Kharadi, Pune                 | Kharadi           | Pune      | 495  | 1    | 1         | 0         | Unfurnished    | 48                 | 24000  |

# Deleting the rows with non-Pune Cities

```
• set sql_safe_updates = 0;

• delete
 from magicbricks
 where city != "Pune";
```

|   | house_type                                                        | locality     | city | area | beds | bathrooms | balconies | furnishing     | area_rate | rent  |
|---|-------------------------------------------------------------------|--------------|------|------|------|-----------|-----------|----------------|-----------|-------|
| ► | 1 BHK House for Rent in Mundhwa Pune                              | Mundhwa      | Pune | 550  | 1    | 1         | 0         | Unfurnished    | 22        | 12000 |
|   | 1 BHK House for Rent in Hadapsar Pune                             | Hadapsar     | Pune | 650  | 1    | 1         | 0         | Unfurnished    | 17        | 11000 |
|   | 1 BHK Flat for Rent in Riverdale Suites, Kharadi, Pune            | Kharadi      | Pune | 495  | 1    | 1         | 0         | Unfurnished    | 48        | 24000 |
|   | 2 BHK Flat for Rent in Godrej Elements, Hinjawadi, Pune           | Hinjewadi    | Pune | 862  | 2    | 2         | 2         | Semi-Furnished | 35        | 30000 |
|   | 2 BHK Flat for Rent in Blossom N Springs, Baner, Pune             | Baner        | Pune | 1000 | 2    | 2         | 2         | Semi-Furnished | 35        | 35000 |
|   | 3 BHK Flat for Rent in Dudulgaon, Alandi, Pune                    | Dudulgaon    | Pune | 819  | 3    | 2         | 2         | Unfurnished    | 24        | 20000 |
|   | 4 BHK Flat for Rent in Eon Waterfront, Kharadi, Pune              | Kharadi      | Pune | 2500 | 4    | 6         | 3         | Semi-Furnished | 37        | 92000 |
|   | 2 BHK Flat for Rent in Gini Belvista Phase II, Dhanori Road, Pune | Dhanori Road | Pune | 750  | 2    | 2         | 2         | Semi-Furnished | 35        | 26500 |
|   | 3 BHK Flat for Rent in Megapolis Sangria Towers, Hinjawadi, Pune  | Hinjewadi    | Pune | 1500 | 3    | 3         | 0         | Unfurnished    | 20        | 30000 |
|   | 2 BHK Flat for Rent in Loni Kalbhor, Pune                         | Loni Kalbhor | Pune | 1200 | 2    | 2         | 0         | Unfurnished    | 10        | 12000 |




# Data Cleaning

```
-- adds new column 'room_type'
alter table magicbricks
add room_type varchar(100);
```


```
-- veiwing the full table
select *
from magicbricks;
```

```
-- inserting data in the column 'room_type'
update magicbricks
set room_type = substring_index(house_type, " ",2);
```

```
-- viewing the full table
select *
from magicbricks;
```



| house_type                                                        | locality     | city | area | beds | bathrooms | balconies | furnishing     | area_rate | rent  | room_type |
|-------------------------------------------------------------------|--------------|------|------|------|-----------|-----------|----------------|-----------|-------|-----------|
| 1 BHK House for Rent in Mundhwa Pune                              | Mundhwa      | Pune | 550  | 1    | 1         | 0         | Unfurnished    | 22        | 12000 | NULL      |
| 1 BHK House for Rent in Hadapsar Pune                             | Hadapsar     | Pune | 650  | 1    | 1         | 0         | Unfurnished    | 17        | 11000 | NULL      |
| 1 BHK Flat for Rent in Riverdale Suites, Kharadi, Pune            | Kharadi      | Pune | 495  | 1    | 1         | 0         | Unfurnished    | 48        | 24000 | NULL      |
| 2 BHK Flat for Rent in Godrej Elements, Hinjawadi, Pune           | Hinjewadi    | Pune | 862  | 2    | 2         | 2         | Semi-Furnished | 35        | 30000 | NULL      |
| 2 BHK Flat for Rent in Blossom N Springs, Baner, Pune             | Baner        | Pune | 1000 | 2    | 2         | 2         | Semi-Furnished | 35        | 35000 | NULL      |
| 3 BHK Flat for Rent in Dudulgaon, Alandi, Pune                    | Dudulgaon    | Pune | 819  | 3    | 2         | 2         | Unfurnished    | 24        | 20000 | NULL      |
| 4 BHK Flat for Rent in Eon Waterfront, Kharadi, Pune              | Kharadi      | Pune | 2500 | 4    | 6         | 3         | Semi-Furnished | 37        | 92000 | NULL      |
| 2 BHK Flat for Rent in Gini Belvista Phase II, Dhanori Road, Pune | Dhanori Road | Pune | 750  | 2    | 2         | 2         | Semi-Furnished | 35        | 26500 | NULL      |
| 3 BHK Flat for Rent in Megapolis Sangria Towers, Hinjawadi, Pune  | Hinjewadi    | Pune | 1500 | 3    | 3         | 0         | Unfurnished    | 20        | 30000 | NULL      |
| 2 BHK Flat for Rent in Loni Kalbhor, Pune                         | Loni Kalbhor | Pune | 1200 | 2    | 2         | 0         | Unfurnished    | 10        | 12000 | NULL      |



|   | house_type                                                        | locality     | city | area | beds | bathrooms | balconies | furnishing     | area_rate | rent  | room_type |
|---|-------------------------------------------------------------------|--------------|------|------|------|-----------|-----------|----------------|-----------|-------|-----------|
| ▶ | 1 BHK House for Rent in Mundhwa Pune                              | Mundhwa      | Pune | 550  | 1    | 1         | 0         | Unfurnished    | 22        | 12000 | 1 BHK     |
|   | 1 BHK House for Rent in Hadapsar Pune                             | Hadapsar     | Pune | 650  | 1    | 1         | 0         | Unfurnished    | 17        | 11000 | 1 BHK     |
|   | 1 BHK Flat for Rent in Riverdale Suites, Kharadi, Pune            | Kharadi      | Pune | 495  | 1    | 1         | 0         | Unfurnished    | 48        | 24000 | 1 BHK     |
|   | 2 BHK Flat for Rent in Godrej Elements, Hinjawadi, Pune           | Hinjewadi    | Pune | 862  | 2    | 2         | 2         | Semi-Furnished | 35        | 30000 | 2 BHK     |
|   | 2 BHK Flat for Rent in Blossom N Springs, Baner, Pune             | Baner        | Pune | 1000 | 2    | 2         | 2         | Semi-Furnished | 35        | 35000 | 2 BHK     |
|   | 3 BHK Flat for Rent in Dudulgaon, Alandi, Pune                    | Dudulgaon    | Pune | 819  | 3    | 2         | 2         | Unfurnished    | 24        | 20000 | 3 BHK     |
|   | 4 BHK Flat for Rent in Eon Waterfront, Kharadi, Pune              | Kharadi      | Pune | 2500 | 4    | 6         | 3         | Semi-Furnished | 37        | 92000 | 4 BHK     |
|   | 2 BHK Flat for Rent in Gini Belvista Phase II, Dhanori Road, Pune | Dhanori Road | Pune | 750  | 2    | 2         | 2         | Semi-Furnished | 35        | 26500 | 2 BHK     |
|   | 3 BHK Flat for Rent in Megapolis Sangria Towers, Hinjawadi, Pune  | Hinjewadi    | Pune | 1500 | 3    | 3         | 0         | Unfurnished    | 20        | 30000 | 3 BHK     |
|   | 2 BHK Flat for Rent in Loni Kalbhor, Pune                         | Loni Kalbhor | Pune | 1200 | 2    | 2         | 0         | Unfurnished    | 10        | 12000 | 2 BHK     |

# Data Cleaning

```
-- updating house_type
update magicbricks
set house_type = substring_index(substring_index(house_type, " ",3), " ", -1);

-- viewing full table
select *
from magicbricks;
```

|   | house_type | locality     | city | area | beds | bathrooms | balconies | furnishing     | area_rate | rent  | room_type |
|---|------------|--------------|------|------|------|-----------|-----------|----------------|-----------|-------|-----------|
| ► | House      | Mundhwa      | Pune | 550  | 1    | 1         | 0         | Unfurnished    | 22        | 12000 | 1 BHK     |
|   | House      | Hadapsar     | Pune | 650  | 1    | 1         | 0         | Unfurnished    | 17        | 11000 | 1 BHK     |
|   | Flat       | Kharadi      | Pune | 495  | 1    | 1         | 0         | Unfurnished    | 48        | 24000 | 1 BHK     |
|   | Flat       | Hinjewadi    | Pune | 862  | 2    | 2         | 2         | Semi-Furnished | 35        | 30000 | 2 BHK     |
|   | Flat       | Baner        | Pune | 1000 | 2    | 2         | 2         | Semi-Furnished | 35        | 35000 | 2 BHK     |
|   | Flat       | Dudulgaon    | Pune | 819  | 3    | 2         | 2         | Unfurnished    | 24        | 20000 | 3 BHK     |
|   | Flat       | Kharadi      | Pune | 2500 | 4    | 6         | 3         | Semi-Furnished | 37        | 92000 | 4 BHK     |
|   | Flat       | Dhanori Road | Pune | 750  | 2    | 2         | 2         | Semi-Furnished | 35        | 26500 | 2 BHK     |
|   | Flat       | Hinjewadi    | Pune | 1500 | 3    | 3         | 0         | Unfurnished    | 20        | 30000 | 3 BHK     |
|   | Flat       | Loni Kalbhor | Pune | 1200 | 2    | 2         | 0         | Unfurnished    | 10        | 12000 | 2 BHK     |

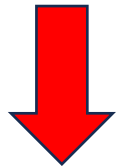
# Business Questions

1. What is the percentage of various types of houses for rent in Pune?
2. What is total no. of rides?
3. Which service is fastest?
4. Which service is cheapest?
5. In which time of the day the demand is maximum?
6. Which is the most popular payment method?
7. Which factors influences the cancellation?
8. What is the average service duration?
9. What is the average fare?

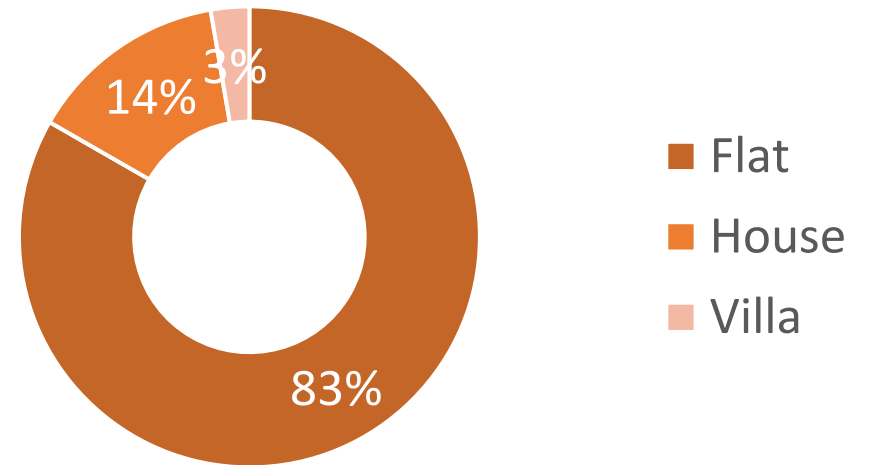
# 1. Percentage of Various Types of Houses for Renting

```
-- Q1. Percentage of various types of houses for rent in Pune
set @total:= (select count(*) from magicbricks);
select @total;

select house_type, (count(*)/@total)*100 as percent
from magicbricks
group by house_type;
```




|   | house_type | percent |
|---|------------|---------|
| ► | House      | 14.0045 |
|   | Flat       | 83.2958 |
|   | Villa      | 2.6997  |

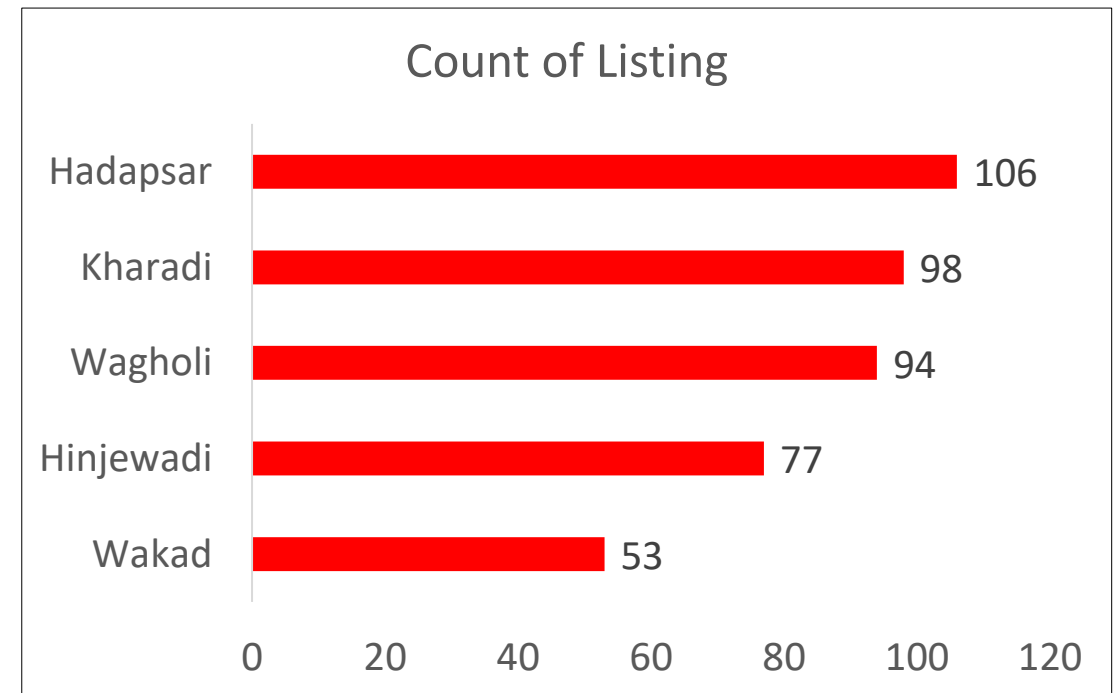


## 2. Top 5 localities with Highest no. of Listings

```
-- Q2. Top 5 popular places in Pune according to listing
• select locality, count(locality) as cnt
 from magicbricks
 group by locality
 order by count(locality) desc
 limit 5;
```



|   | locality  | cnt |
|---|-----------|-----|
| ▶ | Hadapsar  | 106 |
|   | Kharadi   | 98  |
|   | Wagholi   | 94  |
|   | Hinjewadi | 77  |
|   | Wakad     | 53  |





# 3. Localities with Most Listings for Room Types

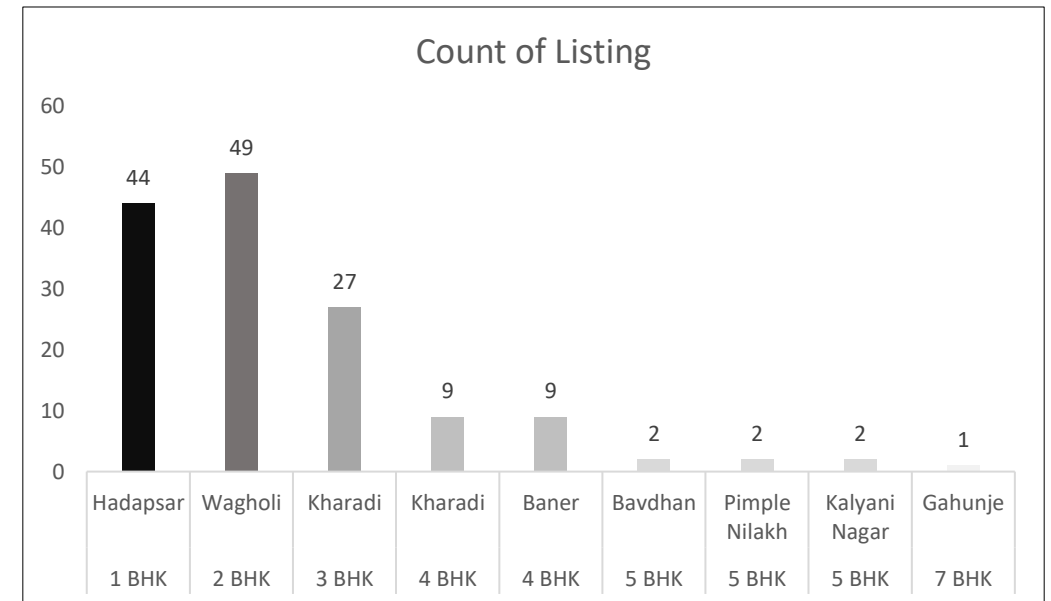
```
-- Q3. Localities with most listings for different room types
```

```
• with c as (
 select room_type, locality, count(*) as cnt, max(count(*)) over (partition by room_type) as maxm
 from magicbricks
 group by room_type, locality
 order by room_type, count(*) desc)

select * from c
where cnt = maxm;
```



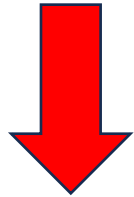
|   | room_type | locality      | cnt | maxm |
|---|-----------|---------------|-----|------|
| ▶ | 1 BHK     | Hadapsar      | 44  | 44   |
|   | 2 BHK     | Wagholi       | 49  | 49   |
|   | 3 BHK     | Kharadi       | 27  | 27   |
|   | 4 BHK     | Kharadi       | 9   | 9    |
|   | 4 BHK     | Baner         | 9   | 9    |
|   | 5 BHK     | Bavdhan       | 2   | 2    |
|   | 5 BHK     | Pimple Nilakh | 2   | 2    |
|   | 5 BHK     | Kalyani Nagar | 2   | 2    |
|   | 7 BHK     | Gahunje       | 1   | 1    |



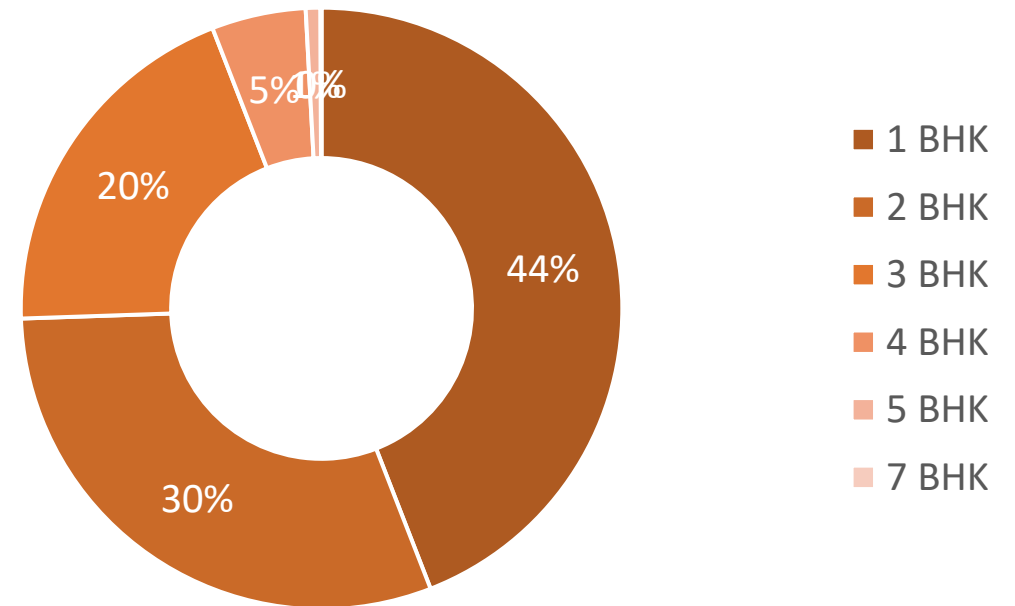
# 4. Share of Listing with Different Room Types

```
-- Q4. room_type percentage

select room_type, (count(*)/@total)*100 as percent
from magicbricks
group by room_type;
```

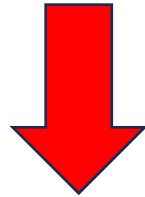


|   | room_type | percent |
|---|-----------|---------|
| ▶ | 1 BHK     | 30.3712 |
|   | 2 BHK     | 44.0945 |
|   | 3 BHK     | 19.6288 |
|   | 4 BHK     | 5.0619  |
|   | 5 BHK     | 0.7874  |
|   | 7 BHK     | 0.0562  |

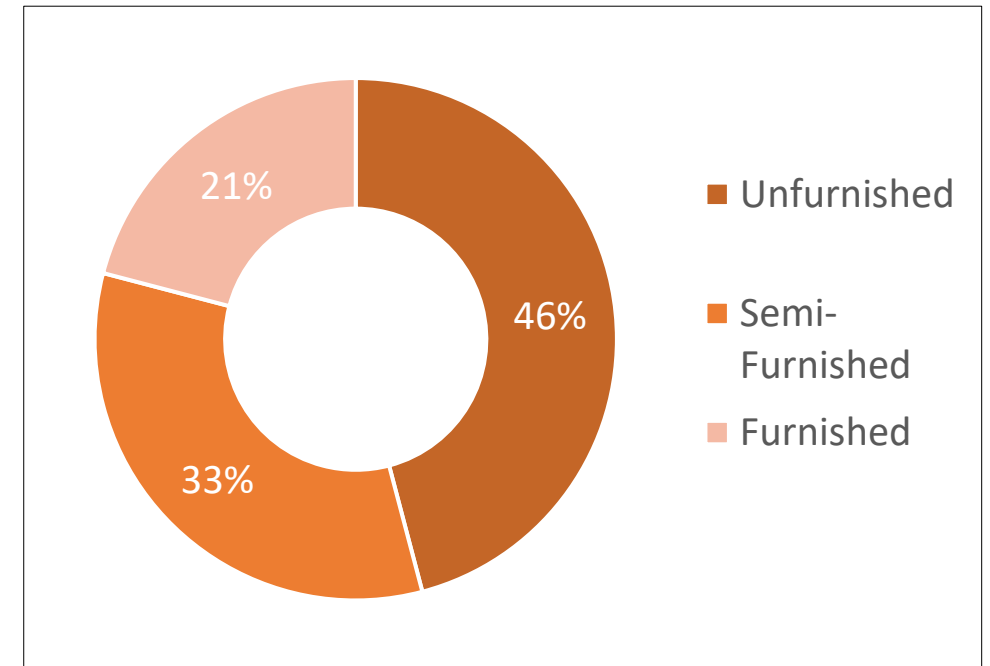


# 5. Percentage of Listings with Different Furnishing

```
-- Q5 percentage of listings with different furnishing
select furnishing, (count(furnishing)/@total)*100 as percent
from magicbricks
group by furnishing
order by count(furnishing) desc;
```

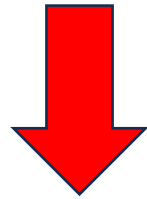


|   | furnishing     | percent |
|---|----------------|---------|
| ► | Unfurnished    | 45.8943 |
|   | Semi-Furnished | 33.1834 |
|   | Furnished      | 20.9224 |

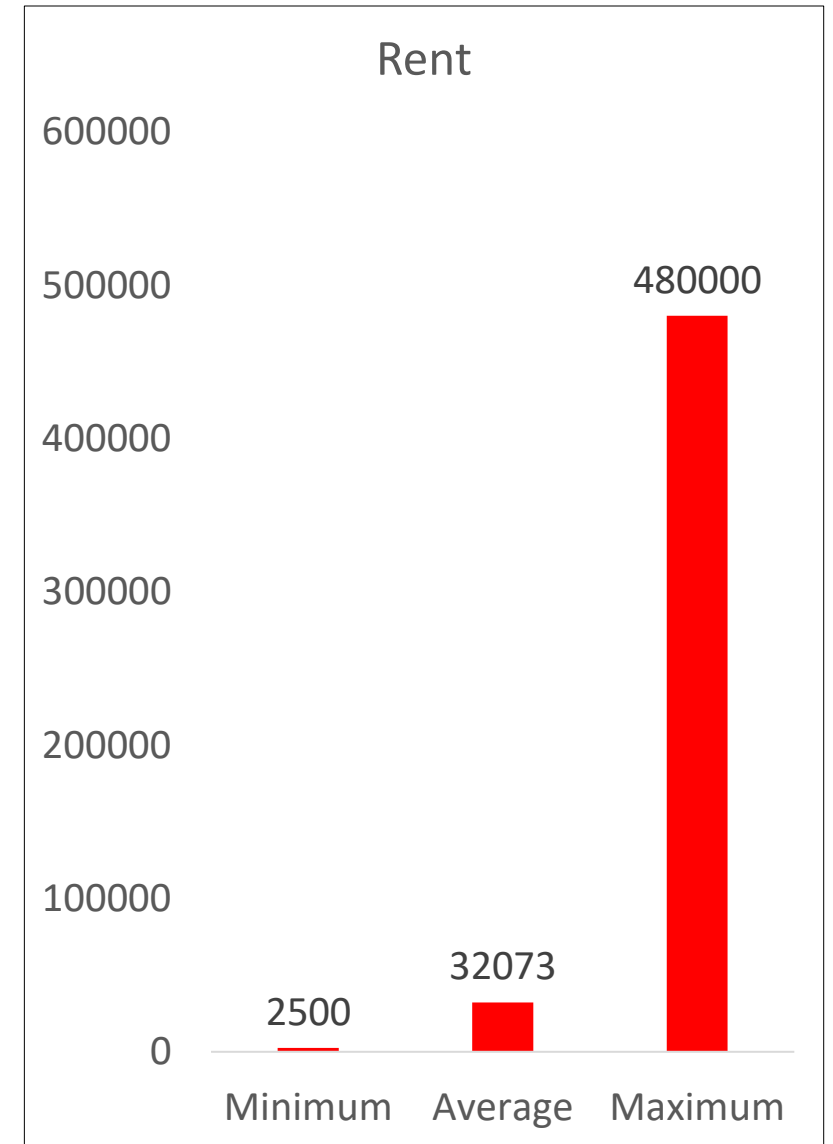


# 6. Minimum, Maximum and Average Rent in Pune

```
-- Q6. min, max and avg rent in pune
select min(rent) as min_rent, max(rent) as max_rent, avg(rent) as avg_rent
from magicbricks;
```

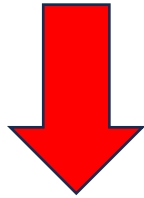


|   | min_rent | max_rent | avg_rent           |
|---|----------|----------|--------------------|
| ► | 2500     | 480000   | 32073.473003374576 |

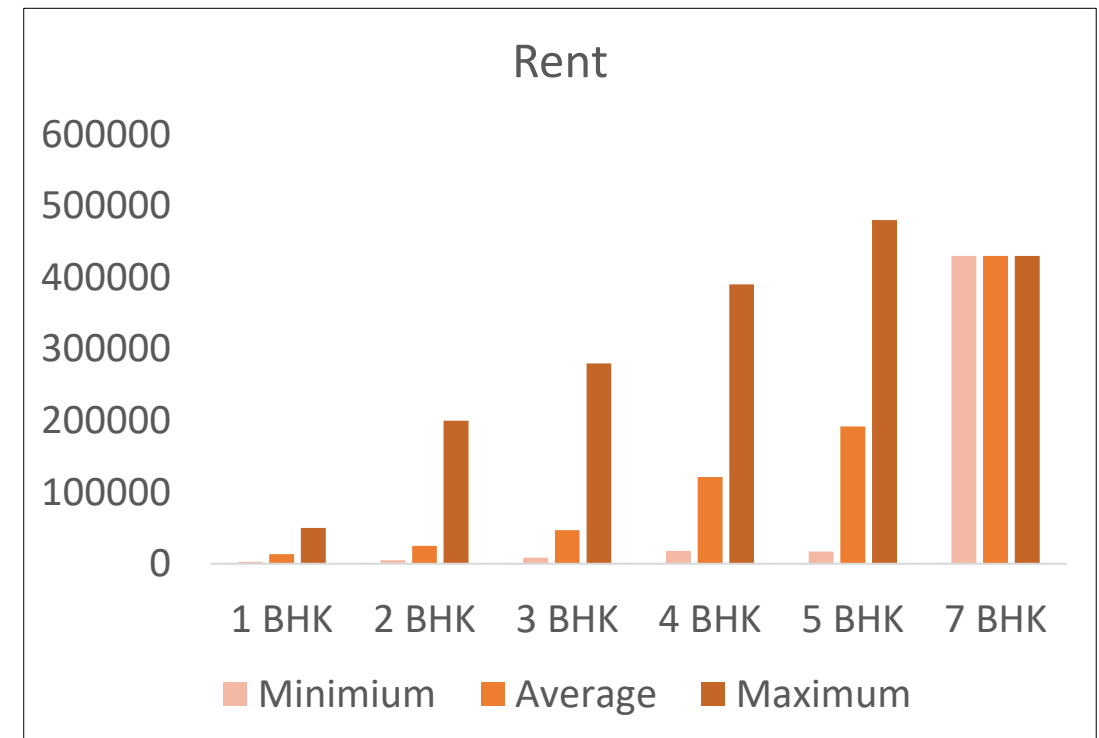


# 7. Room-type wise Minimum, Maximum and Average Rent

```
-- Q7 max bhk rent and min bhk rent, avg bhk rent
select room_type, min(rent) as min_rent, max(rent) as max_rent, avg(rent) as avg_rent
from magicbricks
group by room_type;
```



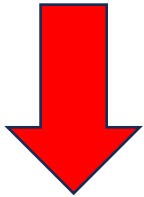
|   | room_type | min_rent | max_rent | avg_rent           |
|---|-----------|----------|----------|--------------------|
| ▶ | 1 BHK     | 2500     | 50000    | 13259.996296296296 |
|   | 2 BHK     | 5000     | 200000   | 24810.168367346938 |
|   | 3 BHK     | 8500     | 280000   | 47038.822349570204 |
|   | 4 BHK     | 18000    | 390000   | 120905.73333333334 |
|   | 5 BHK     | 17000    | 480000   | 191928.57142857142 |
|   | 7 BHK     | 430000   | 430000   | 430000             |



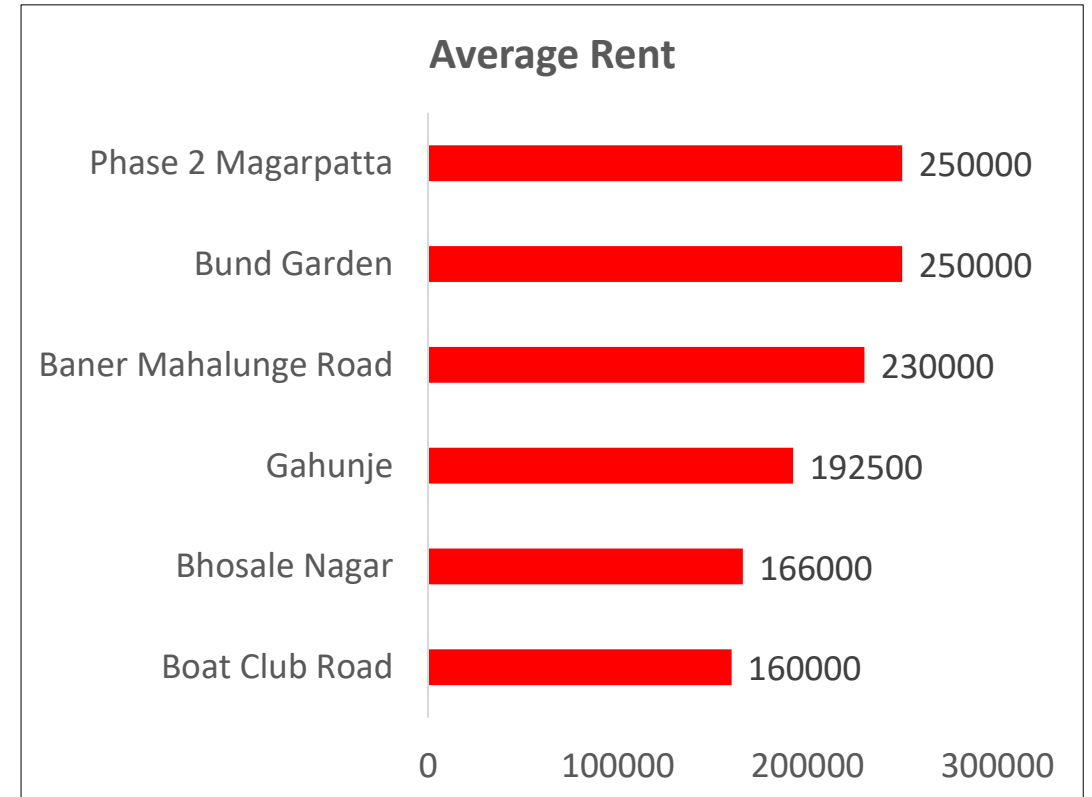


# 8. Top 6 Localities with Highest Average Rent

```
-- Q8 top 6 localities with highest avg rent
select locality, avg(rent) as avg_rent
from magicbricks
group by locality
order by avg(rent) desc
limit 6;
```



|   | locality             | avg_rent |
|---|----------------------|----------|
| ▶ | Bund Garden          | 250000   |
|   | Phase 2 Magarpatta   | 250000   |
|   | Baner Mahalunge Road | 230000   |
|   | Gahunje              | 192500   |
|   | Bhosale Nagar        | 166000   |
|   | Boat Club Road       | 160000   |

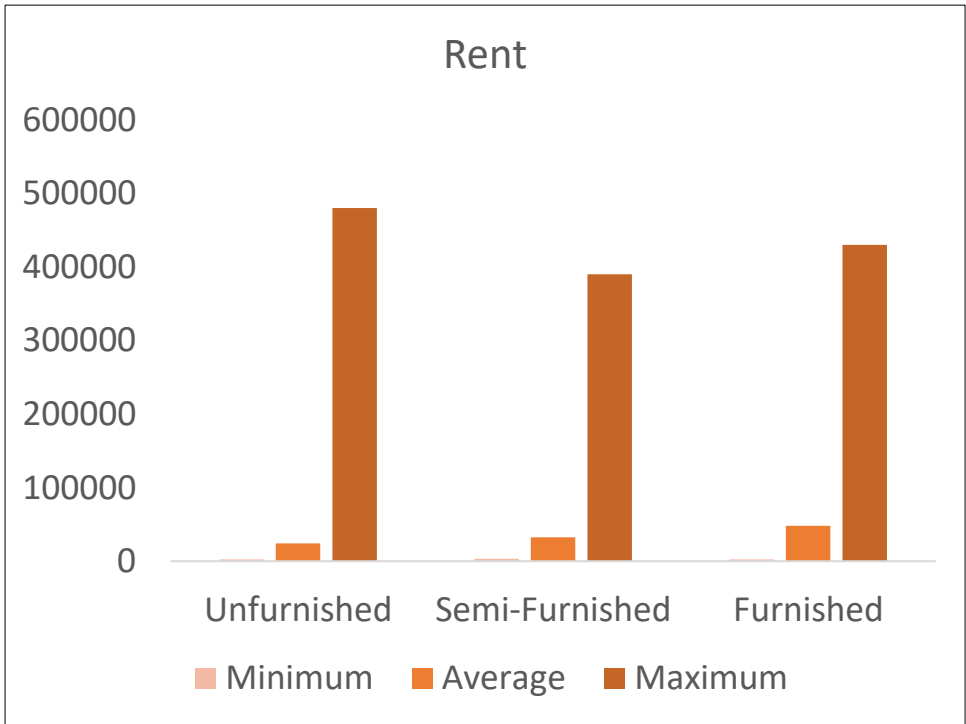


# 9. Furnishing-wise Minimum, Maximum and Average Rent

```
-- Q9 min, max and avg rent depending on furnishing
select furnishing, min(rent) min_rent, max(rent) as max_rent, avg(rent) as avg_rent
from magicbricks
group by furnishing;
```



|   | furnishing     | min_rent | max_rent | avg_rent           |
|---|----------------|----------|----------|--------------------|
| ► | Unfurnished    | 2500     | 480000   | 24388.280637254902 |
|   | Semi-Furnished | 3500     | 390000   | 32452.852542372882 |
|   | Furnished      | 2500     | 430000   | 48329.61021505376  |



# 9. Furnishing-wise Minimum, Maximum and Average Rent

```
-- Q9 min, max and avg rent depending on furnishing
select furnishing, min(rent) min_rent, max(rent) as max_rent, avg(rent) as avg_rent
from magicbricks
group by furnishing;
```



|   | furnishing     | min_rent | max_rent | avg_rent           |
|---|----------------|----------|----------|--------------------|
| ► | Unfurnished    | 2500     | 480000   | 24388.280637254902 |
|   | Semi-Furnished | 3500     | 390000   | 32452.852542372882 |
|   | Furnished      | 2500     | 430000   | 48329.61021505376  |



Thank You