

Agenda

- Introduction
- Data Acquisition
- Data Analysis
- Future Possibilities
- Conclusion

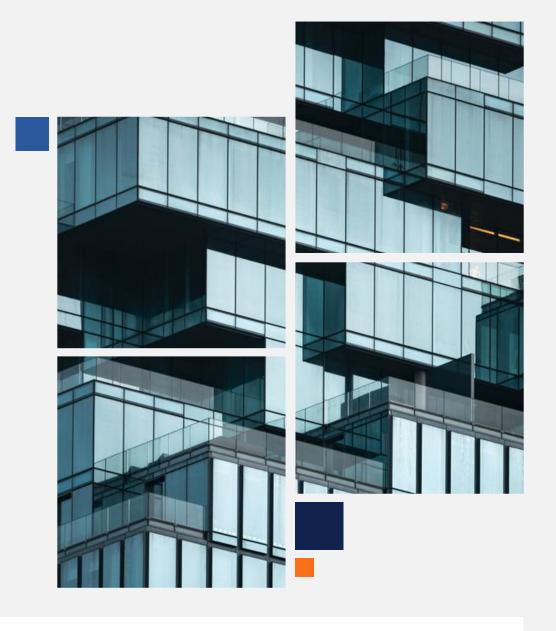


Introduction

With the massive growth of the city of Riyadh, Saudi Arabia, finding a decent restaurant within the 1972 km2 area of the city is a nightmare.

This project aims to provide a high-level understanding of:

- Top cuisines in the main districts.
- City clusters based on cuisine.







City Districts - WIKIPEDIA

- WebScraping via BeautifulSoup in python.
- Shortlisted 16 main districts from 130+ districts of Riyadh.
- Limited Data availability.

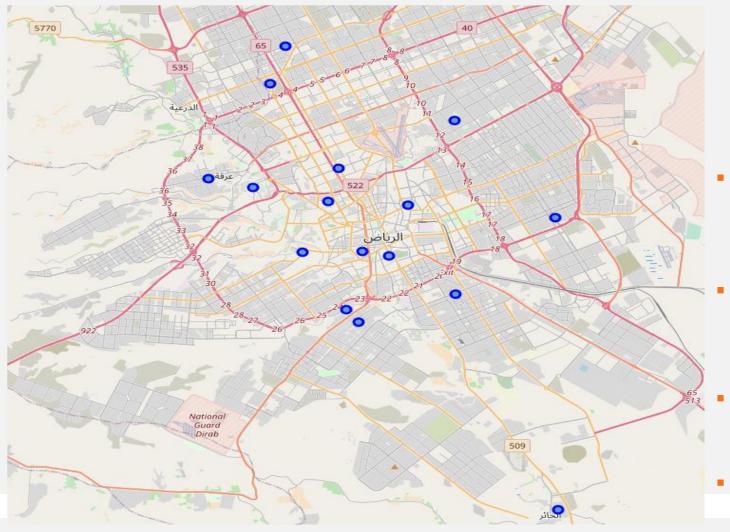
Coordinates – GOOGLE MAPS

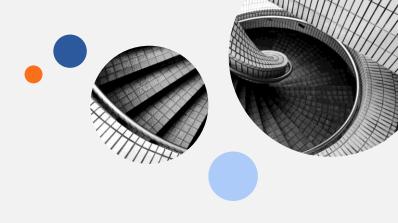
- Centroid coordinates of each district.
- Hosted via Google Drive and using python libraries to load csv into data-frame.

Restaurants - FOURSQUARE

 Integration developed for Foursquare API.

Visualizing the main districts in the city of Riyadh





Inference

 The analysis is scattered across the city proportionally which allows to generalize the results for the city.

Data Source

- Wikipedia
- Google Maps

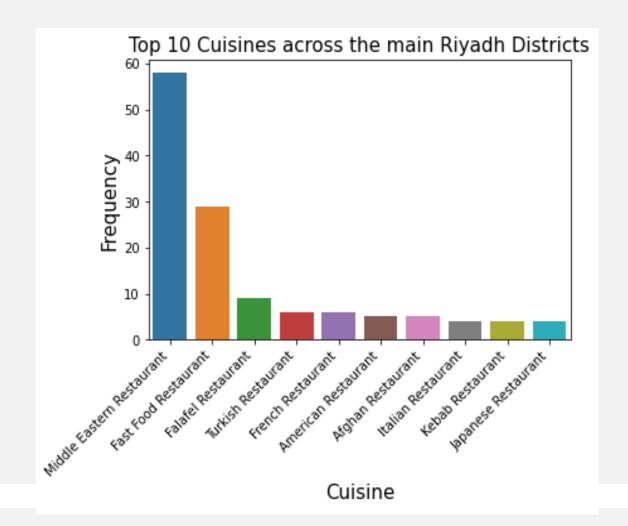
Language

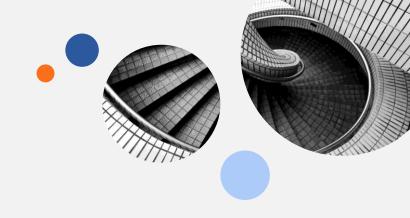
Python

Library

• Folium

Visualizing the TOP 10 cuisines in Riyadh





Inference

The analysis clearly shows
 Middle Eastern Cuisine with
 the most restaurant.

Data Source

Foursquare

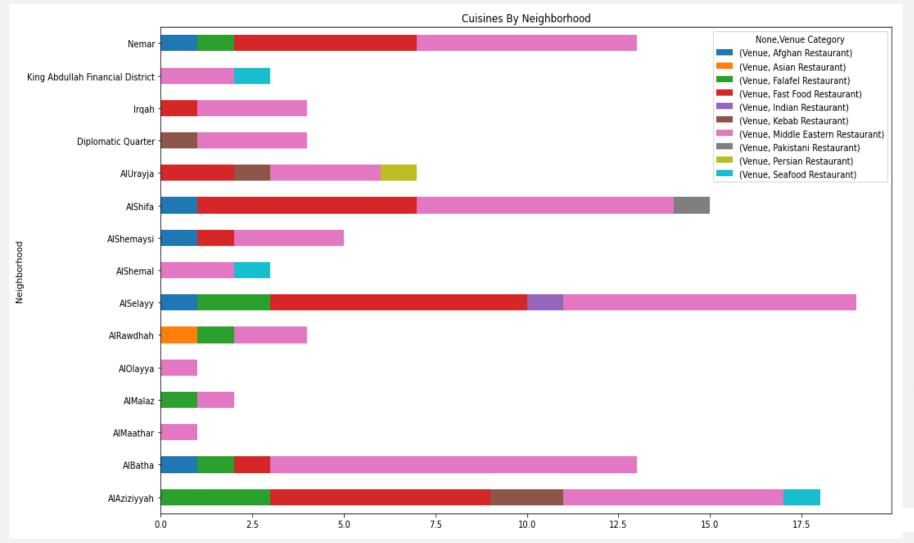
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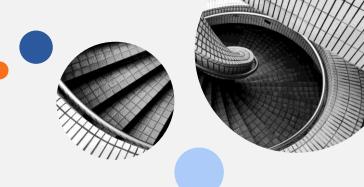
Python

Library

matplotlib

Visualizing the cuisine distribution by district in Riyadh





Inference

 Middle Eastern Cuisine is still the cuisine for most restaurants across all districts.

Data Source

- Wikipedia
- Google Maps
- Foursquare

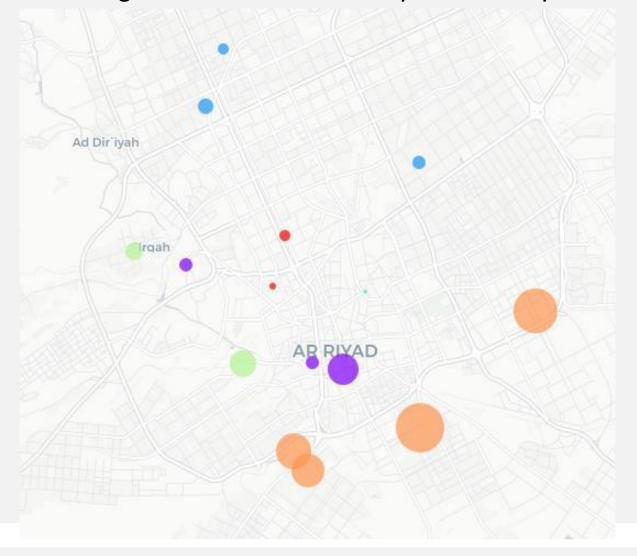
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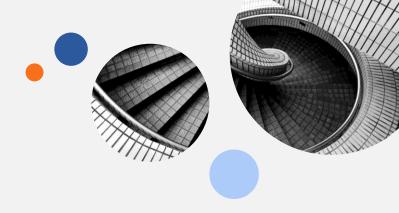
Python

Library

matplotlib

Visualizing the cuisine distribution by district in Riyadh





Inference

- Middle Eastern and Fast Food
- Middle Eastern and Asian Minority
- Middle Eastern and European
- Middle Eastern and Asian
- European
- Diverse Middle Eastern

Data Source

- Wikipedia
- Google Maps
- Foursquare

Language

Python

Library

- Folium
- Scikit-learn

Future Possibilities

This analysis is just the tip of the iceberg. This project can be converted into a recommendation engine with better data sources such as:

- 1. Population distribution by district
- 2. Spending power by district
- 3. Coordinates by district
- 4. Top nationality by district

The recommendation engine can provide insights to potential investors on the best districts to open a restaurant in the city based on:

- Spending Power (Will be able to determine the standard required)
- Top Nationality (Cuisine advisor)







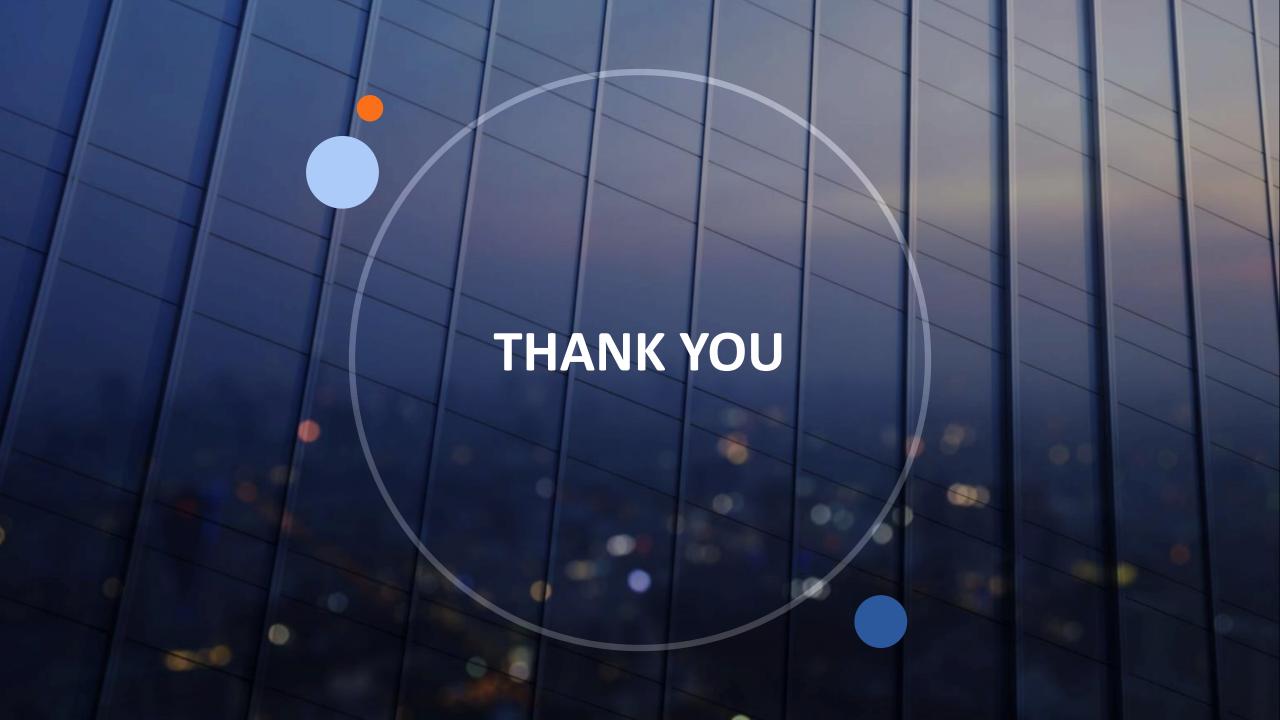


Conclusion

This project was able to give insights on:

- Market saturation for Middle Eastern cuisines and Fast-Food joints.
- 2. Massive scope for diverse cuisines.





Team



AnaSales Manager



Roman
Sales Representative



FedericoSales Representative



Jim
Support Representative



LarissaSupport Representative

Timeline

Q2 **Q1 Q**3 Sep Jul Aug Oct Nov Dec Jan Feb Mar May Jun Apr **Product launch Product launch** Product launch **Product launch** Lorem ipsum dolor sit Lorem ipsum dolor sit Lorem ipsum dolor sit Lorem ipsum dolor sit amet, consectetur amet, consectetur amet, consectetur amet, consectetur adipiscing elit. Mauris vitae adipiscing elit. Mauris vitae adipiscing elit. Mauris vitae adipiscing elit. Mauris vitae lorem id leo accumsan. lorem id leo accumsan. lorem id leo accumsan. lorem id leo accumsan.

Summary



We're delivering for our customers

Last year we supported thousands of customers and sold 60,000 units



Our business is good

Profits are up in the last quarter by 3%



Our customers keep coming back

We increased customer retention by 4%



We're getting our work done

We finished the consolidation project



Our team is growing

We welcomed 3 new team members last quarter



We're leaders

We are top leaders in the industry across the board