

Food Venues Analysis in Tunis and Vienna

Introduction

Tunis has always been one of the most important cities of North Africa. The cuisine of Tunisia, is a blend of Mediterranean and Berber cuisines. Its distinctive spiciness comes from the many civilizations which have ruled the land now known as Tunisia: Romans, Vandals, Byzantines, Arabs, Spanish, Turkish, Italians (Sicilians), French, and the native Punics-Berber people.

On the other hand, **Vienna** has been the capital of Austria for more than a thousand years. It became the cultural centre of the nation and developed its own regional cuisine. Viennese cuisine is best known for its pastries, but it includes a wide range of other unique dishes.

In this project, we will analyse the the distribution of food venues in these two capitals : **Tunis and Vienna**. We are interested in comparing the differences between the cities in their food offer.

This project will help to answer the following questions:

- Which city provides easier access to food ?
- In which city, a new food store has less competitors ?
- Where in the city, one should launch his food business ?

If you are interested to eat in one city or the other, we will see which one provides easier access to food venues and which one has better spatial repartition of the venues. We will let the reader judge which city provides more delicious food.

Data

We will get our data essentially from **Foursquare** using their Places API.

Foursquare API allows us to search for a specific type of venues, to explore a particular venue, to explore a Foursquare user, to explore a geographical location, and to get trending venues around a location.

The access to the API is provided through the different endpoints available. The following endpoints can be helpful for this specific project:

- **Search** : Search for venues
- **Explore**: Get venue recommendations
- **Trending**: Get trending venues

We will be also using the **Geopy** library to convert addresses to latitude/longitude coordinates in order to use them in Foursquare API.