

2. Data :

2.1 Data description :

I'll briefly speak about the two universities I have chosen as my main locations.

King Saud University:

Founded in 1957, King Saud University is a non-profit public higher education institution. Officially accredited and recognized by the Ministry of Education, Saudi Arabia. King Saud University (KSU) offers courses and programs leading to officially recognized higher education degrees such as pre-bachelor degrees (i.e. certificates, diplomas, associate or foundation degrees), bachelor degrees, master degrees, doctorate degrees in several areas of study.

In addition to scholarship and research, King Saud University provides health and social services to the entire Saudi community, as extending and expanding such services are an essential component of KSU's comprehensive development plans.

Free health services, vital to any society, are offered by King Khalid University Hospital (KKUH), which possesses highly qualified consultants, carefully chosen physicians, and the finest nursing staff and general personnel possible.

Al Imam Mohammed Ibn Saud University:

Founded in 1974, Al-Imam Muhammad Ibn Saud Islamic University is a non-profit public higher education institution located in the urban setting of the metropolis of Riyadh. Al-Imam Muhammad Ibn Saud Islamic University (IMAMU) is a very large coeducational higher education institution formally affiliated with the Islamic religion. Al-Imam Muhammad Ibn Saud Islamic University (IMAMU) offers courses and programs leading to officially recognized higher education degrees such as pre-bachelor degrees (i.e. certificates, diplomas, associate or foundation degrees), bachelor degrees, master degrees, doctorate degrees in several areas of study.

Foursquare API :

I'll be using the Foursquare API to explore the nearby venues for both King Saud University (KSU) and Imam Mohammed Ibn Saud University(IMAMU) in order to find the most accurate place to open the Shop. I looked for venues up to 4 KM range from the latitude and longitude of both universities.

From the foursquare API, I'll be retriving the following for each nearby venue:

- Name
- Category
- Latitude
- Longitude

Resources :

<https://www.4icu.org/sa/riyadh/>

<https://ksu.edu.sa/en/about-ksu>