The Battle of Neighborhoods – LZ

Mr.Chang landing to Venice Final Presentation

Cuoursera Applied Data Science Capstone

Mr.Chang landing to Venice - Geographical context
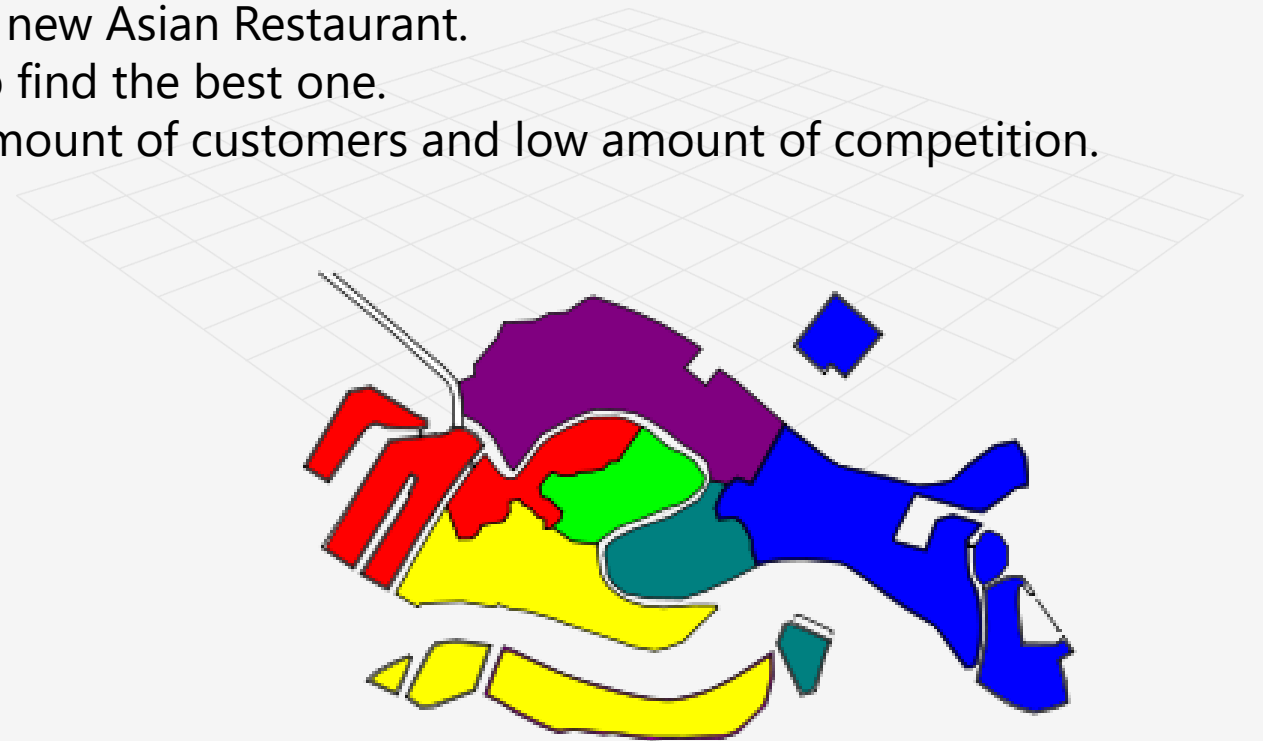
Venice

- Venice is a city in northeastern Italy and the capital of the Veneto region.
- It is situated on a group of 118 small islands that are separated by canals and linked by over 400 bridges.The islands are located in the shallow Venetian Lagoon, an enclosed bay that lies between the mouths of the Po and the Piave rivers (more exactly between the Brenta and the Sile).
- In 2018, 260,897 people resided in the Comune di Venezia, of whom around 55,000 live in the historical city of Venice (Centro storico).
- The whole pensolon (municipality) is divided into 6 boroughs. One of these (the historic city) is divided into six areas called sestieri: Cannaregio (including San Michele), San Polo, Dorsoduro (including Giudecca and Sacca Fisola), Santa Croce, San Marco (including San Giorgio Maggiore) and Castello (including San Pietro di Castello and Sant'Elena). Each sestiere was administered by a procurator and his staff. Now, each sestiere is a statistical and historical area without any degree of autonomy. The six fingers or phalanges of the ferro on the bow of a gondola represent the six sestieri.

Mr.Chang landing to Venice - Introduction and Business Problem

Mr. Chang and his business

- Mr. Chang wants to open a new Asian Restaurant in Venice (Italy).
- We help Mr. Chang to find the best place for a new Asian Restaurant.
- Venice has 6 "Setrieri" (Districts) and we aim to find the best one.
- We need to choose a Locality that has good amount of customers and low amount of competition.

Mr.Chang landing to Venice - Data

Data

- We will use data of Venice Sestrieri from **Wikipedia**. https://en.wikipedia.org/wiki/Venice

- **Open data** are present on http://dati.venezia.it/

From **Foursquare** we will need following venues data:
- the hotels of Venice
- the Asian restaurants of Venice
- the Asian schools of Venice
- the transport service of Venice

We will determine which locality is the most appropriate in order to locate the Asian Restaurant.
We work in Venice and we will compare these results with our experience.
Will Mr. Chang's answer be correct?