

Capstone Project

IBM Applied Data science capstone
Indian restaurants in NewYork

Introduction

- With New York diverse culture there come diverse cuisine.
- There are many cuisines in New York such as Indian, Chinese, French etc.





- ♦ The objective of this project is to find which is the best Indian Restaurant in New York City using Data science methodology such as Data Analysis and Data Visualisation.

Data

- ♦ New York City data that contains list Boroughs, Neighborhoods along with their latitude and longitude.
- ♦ This data can be used to explore various neighborhoods of new york city.
- ♦ Indian resturants in each neighborhood of new york city.

Data source

- ♦ GeoSpace data Data source
: <https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm>
- ♦ NewYork City Data source
: https://cocl.us/new_york_dataset

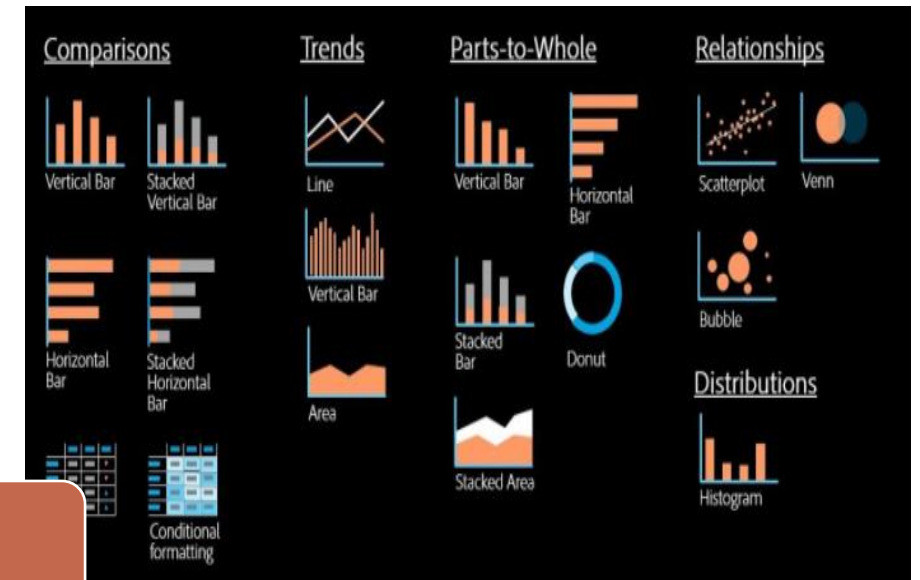


Methodology

Once the data is collected from the source, clean the data and process the data into a dataframe.

Using Foursquare locate the venues and collect data such as ratings and tips and process the data into a dataframe.

Using Data Visualization techniques visualize the data.



Result

- Astoria(Queens), Blissville(Queens), Civic Center(Manhattan) are some of the best neighborhoods for Indian cuisine.
- Manhattan have potential Indian Restaurant Market.

