# Italian Resturants in Bangkok

IBM - COURSERA CAPSTONE

# Introduction

▶ **Bangkok**, is the capital of Thailand and, with a population of over eleven million inhabitants, by far its largest city. It is one of Asia's most cosmopolitan cities with magnificent temples and palaces, authentic canals, busy markets and a vibrant nightlife.

▶ I will explore the dining scene that a cosmopolitan city such as Bangkok offers, looking into the Italian restaurants, which is probably the most famous food in the world.

▶ I will try to answer:

   ▶ "There are a significant number of Italian restaurants?"

   ▶ "How are these distributed across the Districts"

# Data

▶ District data is freely available on the Wikipedia website

▶ All data related to locations and quality of Italian restaurants will be obtained via the FourSquare API utilized via the Request library in Python.
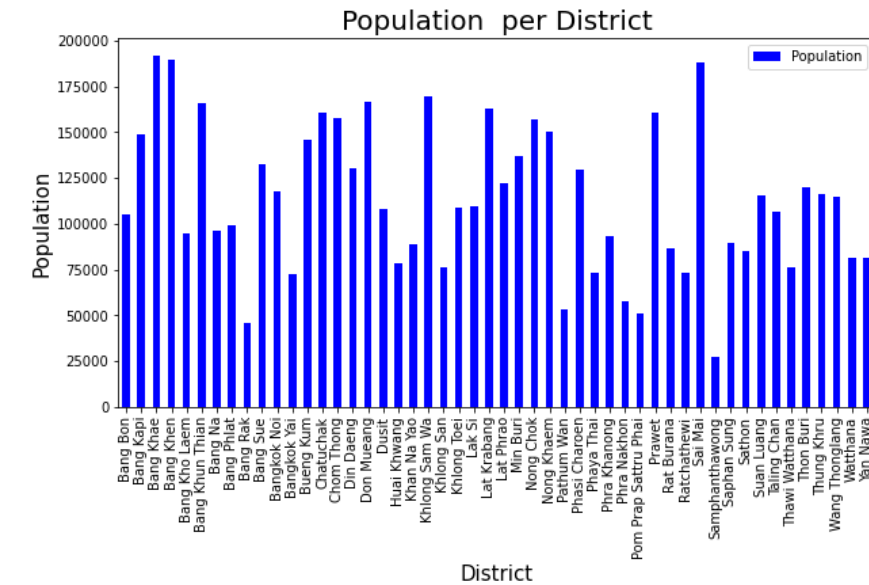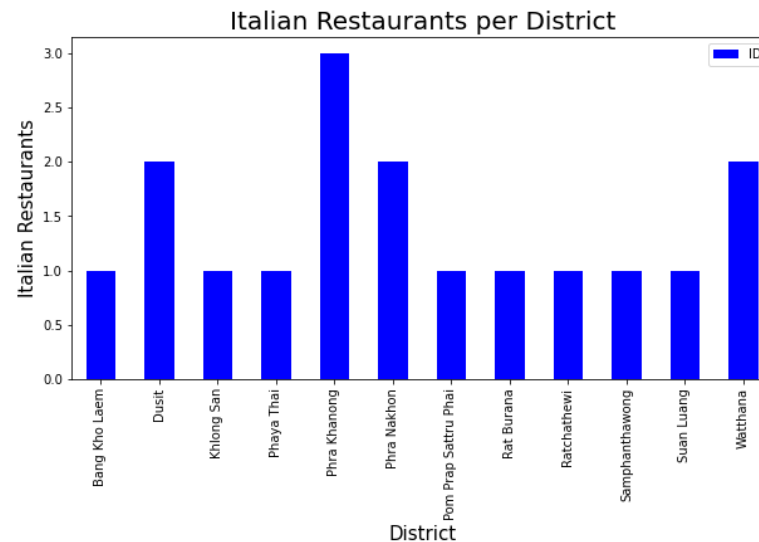
# Methodology

▶ Data is collected from https://en.wikipedia.org/wiki/List_of_districts_of_Bangkok and cleaned and processed into a dataframe.

▶ FourSquare will be used to locate all venues and then filtered by Italian restaurants. Ratings, tips, and likes by users will be counted and added to the dataframe.

▶ Data will be sorted based on rankings.

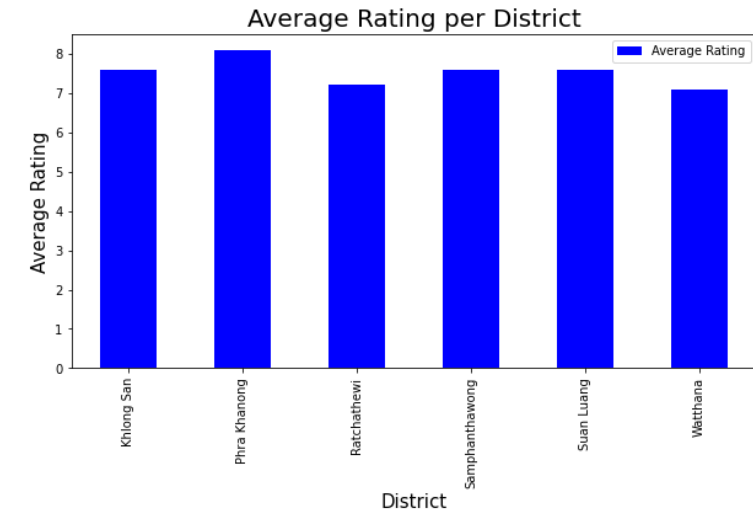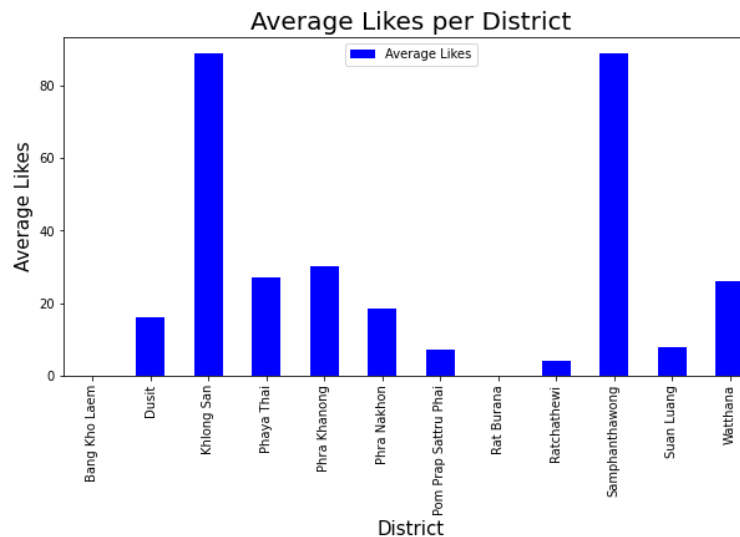▶ Finally, the data be will be visually assessed using graphing from Python libraries.

# Results - 1

▶ The Population is not equally spread into the districts

▶ Italian Restaurants are concentered in few districts



Population per District



Italian Restaurants per District

# Results - 2

▶ Italian restaurants have a very high average ratings

▶ Only 2 districts has a significant higher average likes



Average Rating per District



Average Likes per District

# Discussion & Conclusions

**Discussion**

▶ In the analysis, we understood that there is an open market in several districts, but only a couple of districts have a high average likes. Anyway Italian restaurants are well appreciate with a very high average ratings.

**Conclusions**

▶ There are not many Italian restaurants in Bangkok especially several districts with zero restaurant.

▶ The restaurants are not equally spread across the city.