Capstone Project

> 👉 **Objective**
> A description of the problem and a discussion of the background. (15 marks)
> A description of the data and how it will be used to solve the problem. (15 marks)

The Problem & My Goal

The aim of this project is to identify the places with the best Chinese restaurants and how this can be used to identify many other things.

I will be answering the following questions :

1. In what parts of New York are there Chinese restaurants? (Both in list format & visualized)

2. What is the best place in New York to have Chinese Cuisine

3. In what part of New York is there a potential for Chinese Restaurants

4. In what parts of New York are Chinese Restaurants not appreciated

5. Where should you stay if you like Chinese Cuisine

New York is a place with great diversity; you can find all kinds of cuisines and localities. As such, I think New York is a great place to explore these questions and find answers,

Data Sources & How it will be used

- I will firstly be using this data set which contains a list of **Boroughs, Neighborhoods** as well as the coordinates for the **latitude** and **longitude** of the data points

  - Source : https://cocl.us/new_york_dataset

- We have to also gather data on the **Chinese restaurants in New York**

  - This will be done using the Foursquare API

- GeoSpace Data

  - The data source is : https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8mz

  - This will be used for the **Borough boundaries**