

The background features abstract, overlapping green geometric shapes in various shades of green, creating a modern and dynamic design. These shapes are primarily located on the left and right sides of the page, framing the central text.

Bali Local Food Guide

Created by Chin Kun Wah
Final IBM Capstone Project

Discussion and Background of the Business Problem

- First time visitors are keen to taste Balinese local cuisine.

Thousands of islands with different cultures make up Indonesia, so it's no wonder that **Balinese food** is just as diverse. Bali is a must visit destination, you can't visit Bali without trying the local cuisine. The delightful **Balinese cuisine** that offers a mind blowing assortment of indulgences, is a must try.

Visitors may experience some difficulty when it comes to Indonesian restaurant to go to. We will try to create a simple project to analyze the location of Indonesian/Balinese restaurant here.

Data Preparation

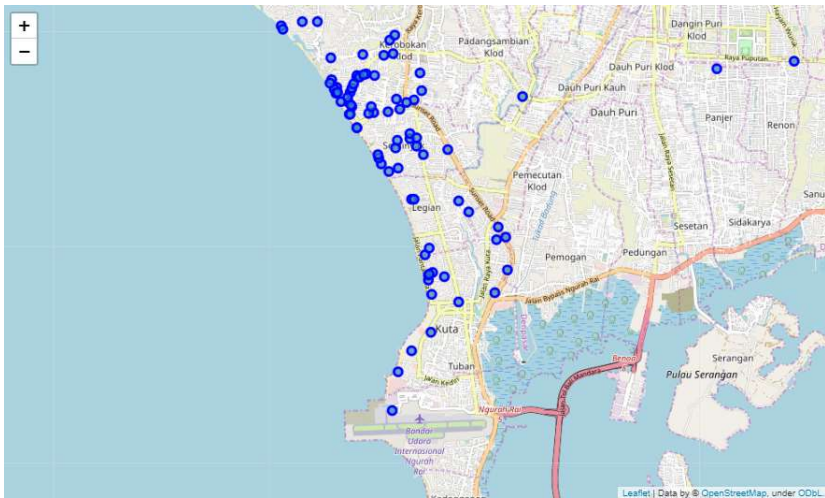
- ▶ From the latitudes and longitudes information that we get from the internet, easily by looking up on google. For this business problem I have used, as a part of the assignment, the Foursquare API to retrieve information about the popular spots, before I filter
- ▶ Data that we are looking here :
 - Venue Name
 - Coordinates : Latitude and Longitude
 - Category Name

	Location		Venue	Latitude	Longitude	Category
0	Bali		Odysseys Surf School	-8.720849	115.169901	Surf Spot
1	Bali		Sheraton Bali Kuta Resort	-8.717966	115.169126	Hotel
2	Bali		The Anvaya Beach Resort	-8.732262	115.165786	Resort
3	Bali		Hotel Indigo Bali Seminyak Beach	-8.695403	115.162985	Resort
4	Bali		Beachwalk	-8.716909	115.169234	Shopping Mall

Visualization

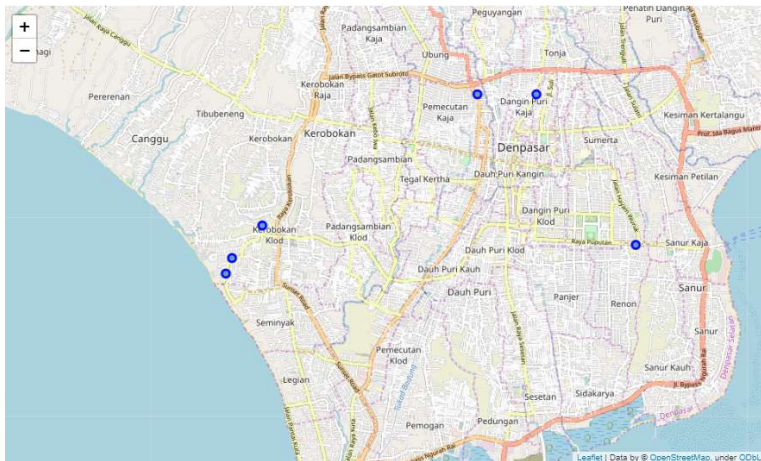
► Folium Library

Folium is a python library that can create interactive leaflet map using coordinate data.



Results and Discussion

- We reached at the end of the analysis, details can be found in the github. Popular Indonesian restaurants are limited and scattered around the Bali island. There are 6 Indonesian restaurants identified. We can conclude that similar restaurants (i.e Indonesian restaurants) are not concentrated in one area. Visitors might experience a hard time to travel around.



Category	Location		Venue	Latitude	Longitude
Indonesian Restaurant	Bali		Bambu	-8.680180	115.153213
Indonesian Restaurant	Bali		Merah Putih Restaurant	-8.676683	115.154592
Indonesian Restaurant	Bali		Warung Pojok	-8.640958	115.221910
Indonesian Restaurant	Bali		Nook Restaurant	-8.669573	115.161263
Indonesian Restaurant	Bali		Warung Sate Plecing Mak Lukluk	-8.673840	115.243818
Indonesian Restaurant	Bali		Warung Bu Kris	-8.640976	115.208750