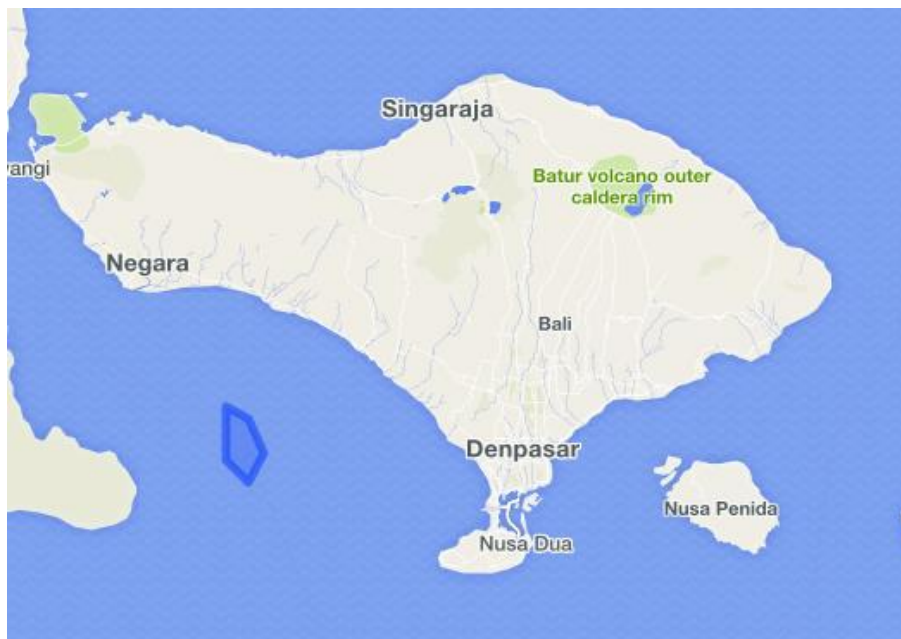


Find the Best Place to Opening Restaurant in Bali



Elvin Nur Furqon

elvinnurfurqon17@gmail.com

May 6, 2020

Table of Contents

1. INTRODUCTION.....	3
1.1 Background	3
1.2 Problem.....	3
2. Data acquisition.....	3
2.1 Data Sources.....	3
References.....	4

1. INTRODUCTION

1.1 Background

From U.S.News, Bali is 4th Best place to Visit in Asia, there so many historical places that you can visit in there, such as Tirta Empul Tample, Uluwatu Tample , Tanah Lot Temple ,etc. Balinese culture is an elaborate and rounded one, manifested in almost every aspect of life, including foods. The traditional dishes in Bali are a big part of its tradition, some of which are almost as old as the culture itself. Here are example traditional dishes you can try in bali, like Satay, Betutu, Lawar, Nasi Jinggo, Urab and Sambal matah. You can find them along the main road near Denpasar.

The main sectors business bali is tourism and food travel, so it's not surprising that when you visit there, you will find various restaurants around your place.

1.2 Problem

If someone want to open a restaurant in Bali, at the first time he should make a business plan. Business plan require great strategies that cover dominant areas, selling price, affordability, and customer experience. But it will be difficult to make business plan if we only use hypothesis based on observations. Consequences, possibility that the business plan will not go according to plan, so we need data science to handling that problem.

2. Data acquisition

2.1 Data Sources

To make decision for this problem, for Data Scientist, data is important, we should know where data is come from and how we use that. For this problem, the data obtained from Foursquare using API. The data be use namely name, longitude, latitude, name restaurants, category and address. After collecting data, we can perform Exploratory Data Analyst (EDA) then we segmentation the data using various algorithm machine learning to gain information to help making decision.

References

Bali Travel Guide. (2020, May 6). Retrieved from U.S.News:
https://travel.usnews.com/Bali_Indonesia/