Coursera Capstone

IBM Applied Data Science Capstone

Opening a New Restaurant in Hyderabad, India.

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Introduction:

For many foodies, visiting restaurants is a great way to relax and enjoy themselves during weekends and holidays. A **restaurant** (sometimes known as a **diner**) is a place where cooked food is sold to the public, and where people sit down to eat it. It is also a place where people go to enjoy the time and to eat a meal.

Some restaurants are a chain, meaning that there are restaurants which have the same name and serve the same food McDonalds, Burger King, and Pizza Hut are examples of chain restaurants that are all over the world. These restaurants serve Fast food, that is, inexpensive food, prepared and served quickly. Of course, as with any business decision, opening a new Restaurant requires serious consideration and is a lot more complicated than it seems. Particularly, the location of the restaurant is one of the most important decisions that will determine whether the restaurant will be a success or a failure.

Business Problem:

The objective of this capstone project is to analyse and select the best locations in the city of Hyderabad, India to open a Restaurant. Using data science methodology and machine learning techniques like clustering, this project aims to provide solutions to answer the business question: In the city of Hyderabad, India, if a property developer is looking to open a new restaurant, where would you recommend that they open it?