





Notes for Assessor:

1.

The theme of this Zomato presentation is based on Ratings and Locations.

a)

The aims are for Zomato executives to assess the ratings of restaurants within a specific region/ location, so that they may be able to follow up with the Restaurant Owners and share their findings, so that they will put in effort into garnering better Ratings going forward.

Better ratings = more orders = more profits for not only the Restaurants, but also Zomato as well.

b)

The map visuals also gives Zomato executives a better feel of which regions have more restaurants signed up with Zomato, where inferences could be made about a) where they should focus on more, b) where they could expand more.

2.

I have decided to split the dashboard into 2 pages; the first excludes India, and the second is only India.

The charts look illegible when combined altogether, since there is a massively disproportionate amount of restaurants found in India compared to anywhere else - even combined.

3.

I successfully created a "Live FX Rates" table with, well, live FX rates, from OpenExchange.org, through their (free) API service. However, due to time constraints, I am unable to implement dashboard-wide conversions to reflect a standardized currency.

4.

As some of the Restaurants have invalid longitudes and latitudes, such as "0" or "blank", those have been filtered out at the "Map Visualization" level.

5.

Instead of using hard-coded Rating-Slab-Color, I have decided to use the gradient fill from Red

Assignment:

Zomato is a restaurant aggregation and meal delivery service based in India. It is currently operating in several countries across the world. Zomato provides thorough information about numerous eateries as well as consumer reviews. Zomato's owners aim to find hidden irregularities in their company's data. The ultimate goal of this project is to examine the data in such a way that they can accurately assess their business performance. The data (sample) is currently accessible in the form of a few Excel files, each of which contains information about multiple restaurants operating in a certain continent. The clients want to construct a consolidated and interactive Power BI report that will allow them to do the following:

- 1. Derive data on the total number of restaurants worldwide, including continents, countries, and cities
- 2. View data on a global scale with the capacity to drill down to a granular level
- 3. Derive data on the restaurants with the highest average customer ratings
- 4. Discover the restaurants with the lowest average costs
- 5. Filter and view information on the restaurants based on:
- Their geographical dimensions such as continent, country, and city.
- The service they provide, such as online ordering or reservation services
- The average rating slab by the color.
- 6. Identify the restaurants with the most cuisines served
- 7. Design a multi-page report that suits Zomato's theme with easy navigation across sections.
- 8. Allow Zomato users to be able to access this information from both a web browser and a mobile device.

Aim of the project:

The aim is to construct a consolidated and interactive PowerBI report that will allow Zomato to quickly assess the required data.

Steps to use DAX in the project:

- 1) Add a Rating color column in an appropriate table with the data rows in the format given below (Dar Green, etc etc)
- 2) Create the following measures in the appropriate tables
- a. Restaurant count