**Steps that will help in the completion of the project:**

1. Import the data from all available Excel files

Graphical user interface, application

Description automatically generated

2. Data transformation:

* Make sure the **City** column names are corrected

**For example:**

“Sí£o Paulo” should be corrected to “São Paulo”

Graphical user interface, text, application, email

Description automatically generated

Table

Description automatically generated

* Ensure the city name isn't ambiguous

**For example:**

“Cedar Rapids/Iowa City” should be corrected to “Cedar Rapids”

Graphical user interface, text, application, email

Description automatically generated

Table

Description automatically generated with medium confidence

“ÛÁstanbul” should be corrected to “Istanbul”

Graphical user interface, application, Word

Description automatically generated

Table

Description automatically generated

3. Remove any columns that aren't being used

Graphical user interface, table

Description automatically generated

4. Create two columns to display the **Restaurant Name** and **Restaurant Address**

Text, table

Description automatically generated with medium confidence

Graphical user interface, text, application, table

Description automatically generated

Graphical user interface, text

Description automatically generated

5. Make a separate table for the list of the cuisines that each restaurant serves

Table

Description automatically generated

Restaurants serving more than one cuisine have each cuisine served by the restaurant listed in a separate row

6. As it's a dimension table, the **Country-Code** table must only include unique and non-blank values

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, application, Word

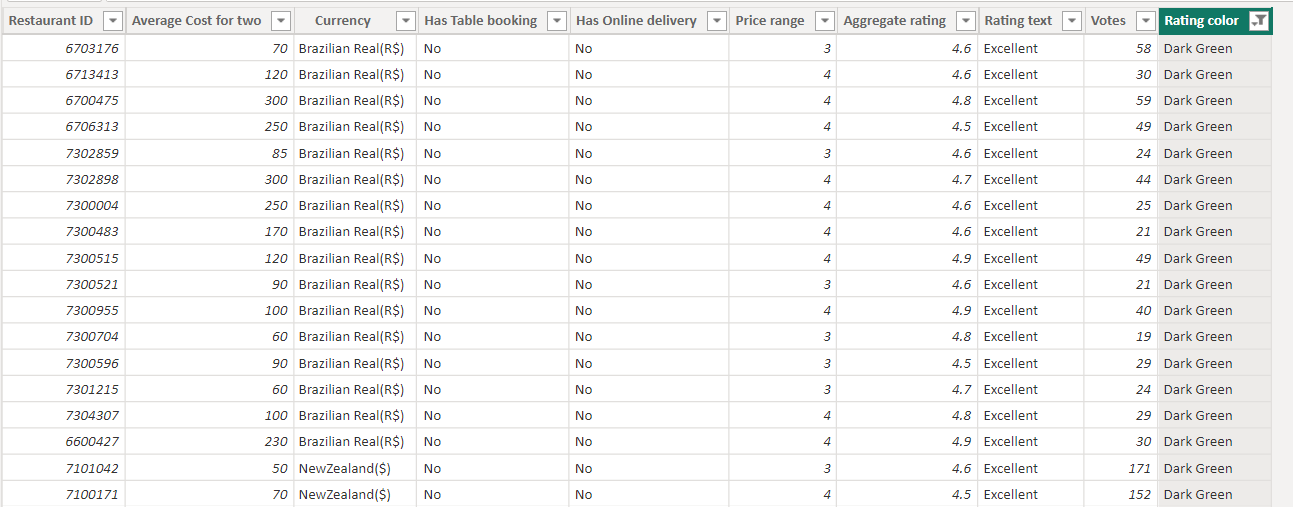
Description automatically generated

**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

|  |  |
| --- | --- |
| **Aggregate rating** | **Rating color** |
| Above 4.5 | Dark Green |
| 4 to 4.4 | Green |





Table

Description automatically generated

**Table

Description automatically generated**

2) Create the following measures in the appropriate tables

a. Restaurant count

b. Average cost

c. Average rating

d. Cuisine count



Graphical user interface, application

Description automatically generated with medium confidence

Text

Description automatically generated with medium confidence

Graphical user interface, text, application, whiteboard

Description automatically generated



Graphical user interface, text, application, whiteboard

Description automatically generated



Text

Description automatically generated

3) Create a new column in the **Country Code** table and name it “**Continent”** and create the values using the below-mentioned convention

**Note**: The mapping is continent - country, for example ''Africa – South Africa''



Graphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

VISUALIZATION

Filters across all pages are in sync

Map

Description automatically generated

Chart, bar chart, histogram

Description automatically generated

Graphical user interface, application

Description automatically generated

Chart, histogram

Description automatically generated