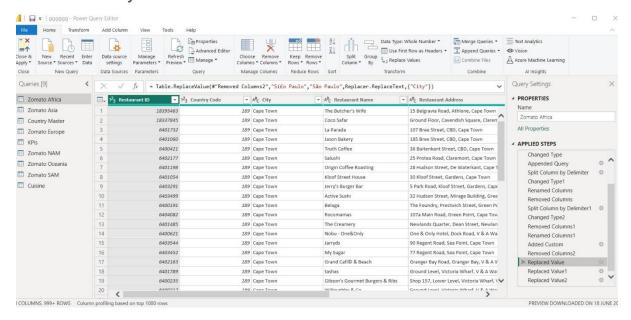
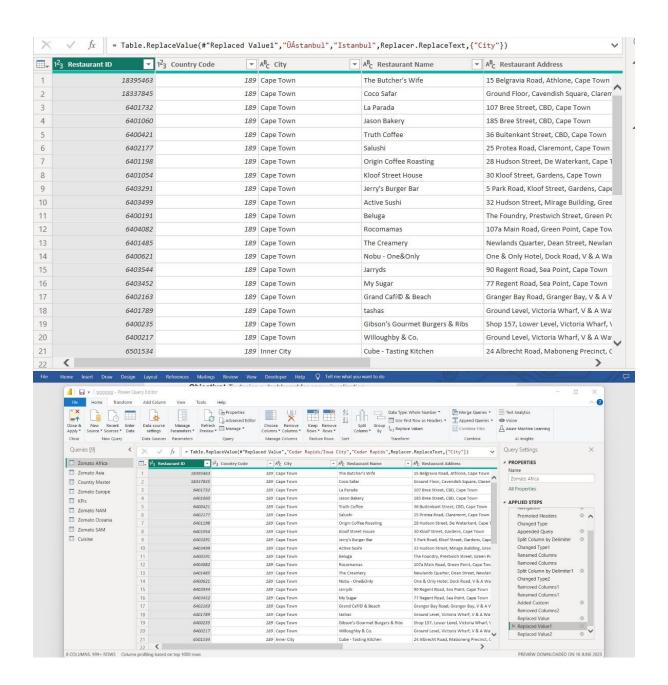
Data Manipulation and Reporting with Power BI

Objective: To design a dashboard for easy visualization

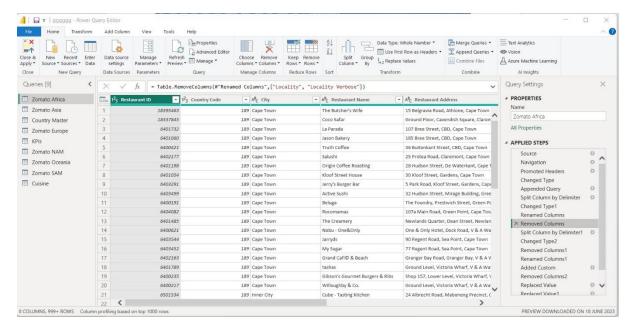
2. Data transformation:

Make sure the City column names are corrected

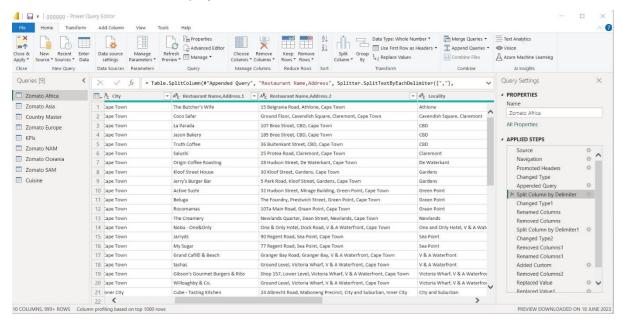




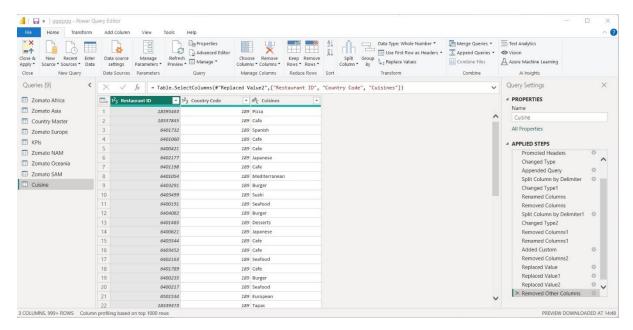
3. Remove any columns that aren't being used



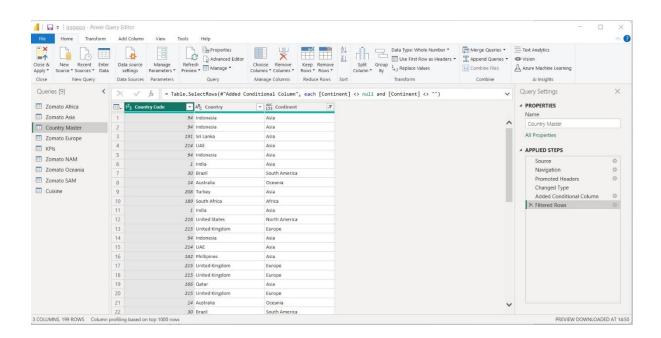
4. Create two columns to display the Restaurant Name and Restaurant Address



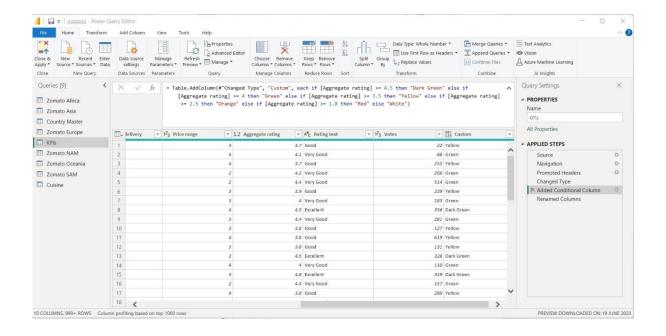
5. Make a separate table for the list of the cuisines that each restaurant serves



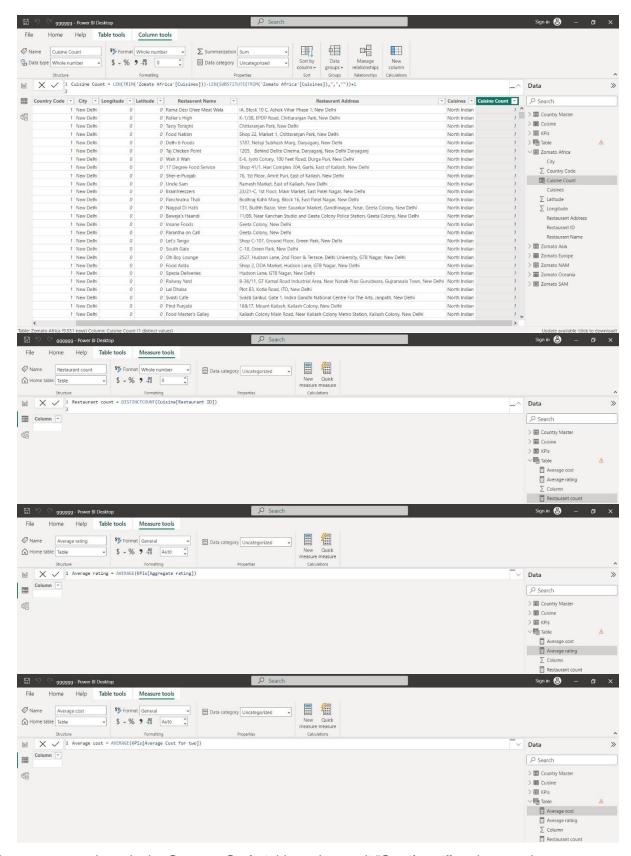
6. As it's a dimension table, the **Country-Code** table must only include unique and non-blank values



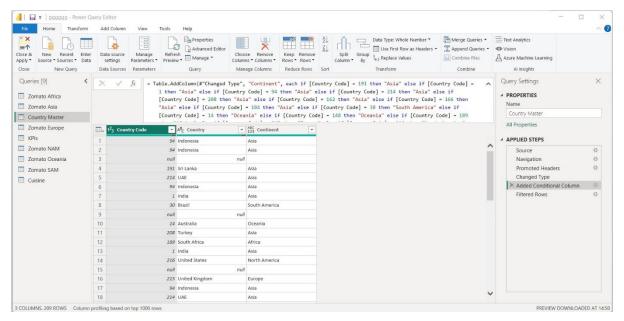
1) Add a **Rating color** column in an appropriate table with the data rows in the format given below



- 2) Create the following measures in the appropriate tables
 - a. Restaurant count
 - b. Average cost
 - c. Average rating
 - d. Cuisine count



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



= Table.AddColumn(#"Changed Type", "Continent", each if [Country Code] = 191 then
"Asia" else if [Country Code] = 1 then "Asia" else if [Country Code] = 94 then "Asia" else if
[Country Code] = 214 then "Asia" else if [Country Code] = 208 then "Asia" else if [Country
Code] = 162 then "Asia" else if [Country Code] = 166 then "Asia" else if [Country Code] =
184 then "Asia" else if [Country Code] = 30 then "South America" else if [Country Code] =
14 then "Oceania" else if [Country Code] = 148 then "Oceania" else if [Country Code] =
189 then "Africa" else if [Country Code] = 215 then "Europe" else if [Country Code] = 216
then "North America" else if [Country Code] = 37 then "North America" else "")

Note: The mapping is continent - country, for example "Africa - South Africa"