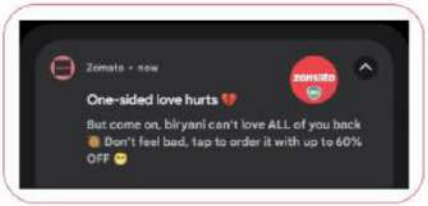

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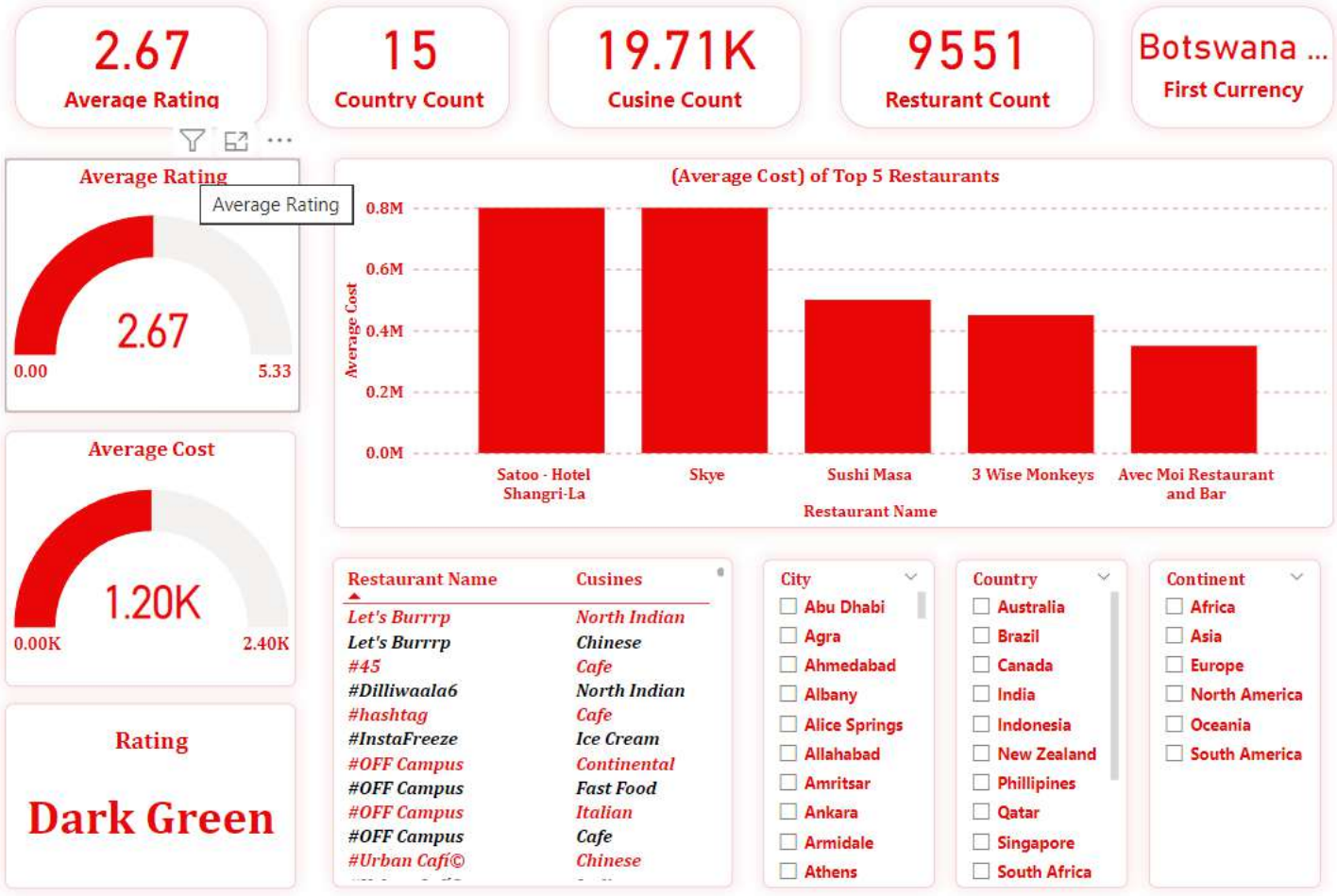
2.67
Average Rating
15
Country Count
19.71K
Cusine Count
9551
Resturant Count
Botswana ...
First Currency
Average Rating
Average Rating
2.67
0.00
5.33
Average Cost
1.20K
0.00K
2.40K
Rating
Dark Green
(Average Cost) of Top 5 Restaurants
0.8M
0.6M
0.4M
0.2M
0.0M
Average Cost
Satoo - Hotel Shangri-La
Skye
Sushi Masa
3 Wise Monkeys
Avec Moi Restaurant and Bar
Restaurant Name
Restaurant Name
Cusines
Let's Burrrp
North Indian
Let's Burrrp
Chinese
#45
Cafe
#Dilliwaala6
North Indian
#hashtag
Cafe
#InstaFreeze
Ice Cream
#OFF Campus
Continental
#OFF Campus
Fast Food
#OFF Campus
Italian
#OFF Campus
Cafe
#Urban Café
Chinese
City
Abu Dhabi
Agra
Ahmedabad
Albany
Alice Springs
Allahabad
Amritsar
Ankara
Armidale
Athens
Country
Australia
Brazil
Canada
India
Indonesia
New Zealand
Phillipines
Qatar
Singapore
South Africa
Continent
Africa
Asia
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4.30	1	1	1	Indian Rup...
Average Rating	Country Count	Cusine Count	Resturant Count	First Currency

Average Rating

Average Cost

Rating

Green

(Average Cost) of Top 5 Restaurants

Restaurant Name	Cusines
Kebabsville - Sayaji Hotel	*North Indian*

City

- ☐ Agra
- ☐ Ahmedabad
- ☐ Allahabad
- ☐ Amritsar
- ☐ Aurangabad
- ☐ Bangalore
- ■ Bhopal
- ☐ Bhubaneshwar
- ☐ Chandigarh
- ☐ Chennai

Country

- ☐ Australia
- ☐ Brazil
- ☐ Canada
- ■ India
- ☐ Indonesia
- ☐ New Zealand
- ☐ Phillipines
- ☐ Qatar
- ☐ Singapore
- ☐ South Africa

Continent

- ■ Asia

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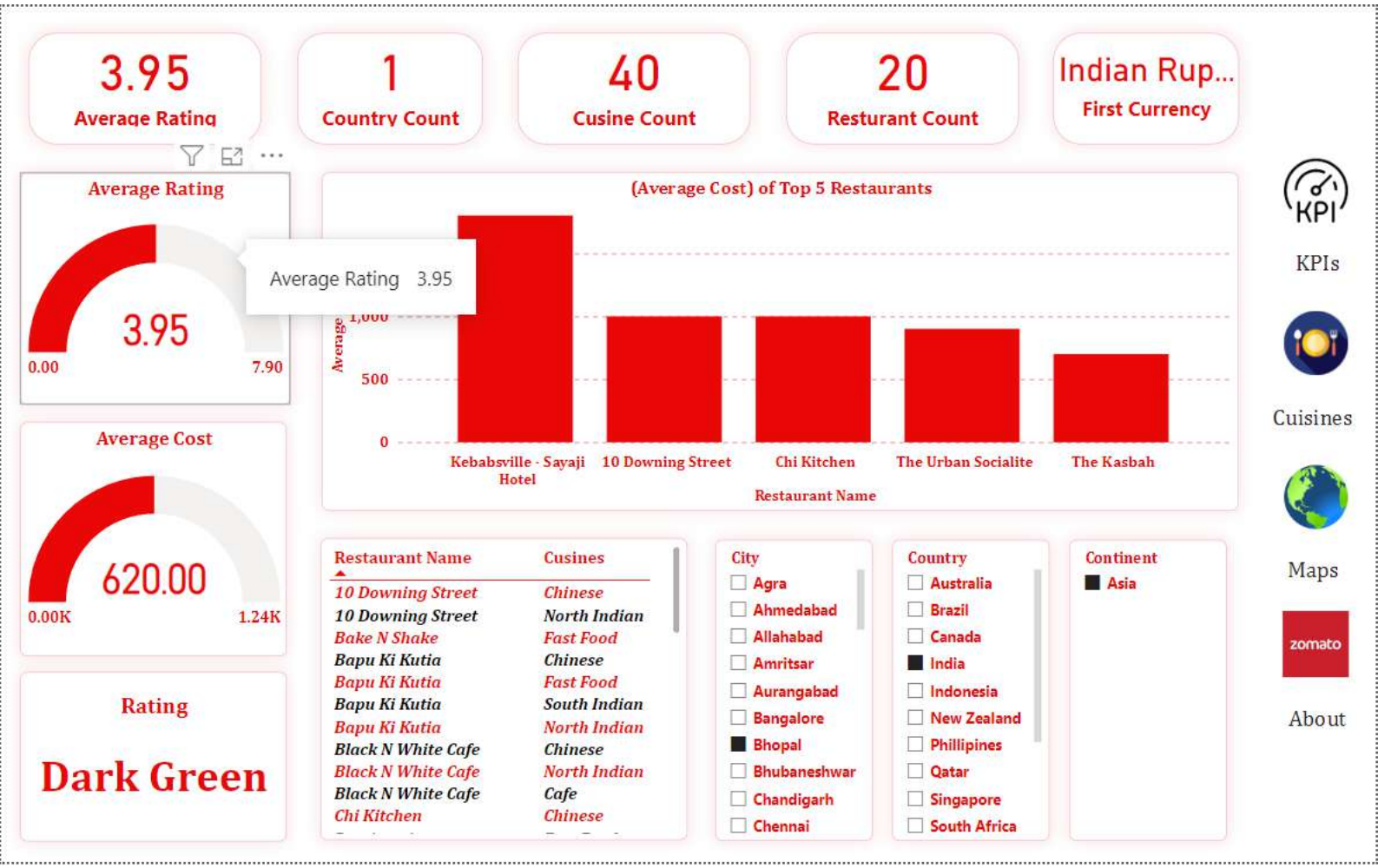
3.95
Average Rating
1
Country Count
40
Cusine Count
20
Resturant Count
Indian Rup...
First Currency
Average Rating
Average Rating 3.95
3.95
0.00
7.90
Average Cost
620.00
0.00K
1.24K
Rating
Dark Green
(Average Cost) of Top 5 Restaurants
Average
1,000
500
0
Kebabsville - Sayaji Hotel
10 Downing Street
Chi Kitchen
The Urban Socialite
The Kasbah
Restaurant Name
Restaurant Name
Cusines
10 Downing Street
Chinese
10 Downing Street
North Indian
Bake N Shake
Fast Food
Bapu Ki Kutia
Chinese
Bapu Ki Kutia
Fast Food
Bapu Ki Kutia
South Indian
Bapu Ki Kutia
North Indian
Black N White Cafe
Chinese
Black N White Cafe
North Indian
Black N White Cafe
Cafe
Chi Kitchen
Chinese
City
Agra
Ahmedabad
Allahabad
Amritsar
Aurangabad
Bangalore
Bhopal
Bhubaneshwar
Chandigarh
Chennai
Country
Australia
Brazil
Canada
India
Indonesia
New Zealand
Phillipines
Qatar
Singapore
South Africa
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Continent
All

Country
All

City
All

Restauran...
All

Online Table Booking

No

Online Delivery Option

No

Top 20 Restaurant Name

Currency

Botswana Pula(P)

Count of Votes

Restaurant Address

Bakers & More,Asian Institut...

Locality

Zoo Tiniali
Zakir Nagar
Z Square Mall, Mall Road
Yusuf Sarai
YÛ±ldÛ±zevler
Yorkton
YN Road
Ybor City
Yas Mall, Yas Island
Wynyard Quarter
Worldmark 3, Aerocity
Worldmark 1, Aerocity
World Trade Center Mall, Al Markaziya

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Continent
Asia

Country
India

City
Agra

Restauran...
All

Online Table Booking

No

Online Delivery Option

No

Top 20 Restaurant Name

Currency

Indian Rupees(Rs.)

Locality

Tajganj
Rakabganj
Radisson Blu, Tajganj
Khandari
ITC Mughal, Tajganj
Courtyard by Marriott Agra, Tajganj
Civil Lines
Agra Cantt

Count of Votes

Restaurant Address

1/48, Delhi Gate, Station Road, Raja ...

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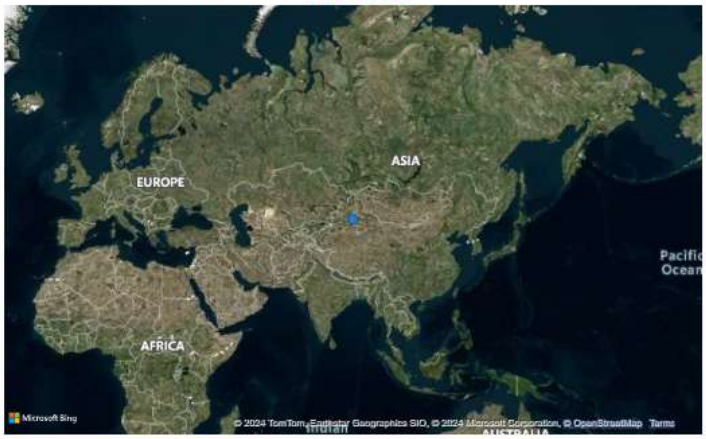
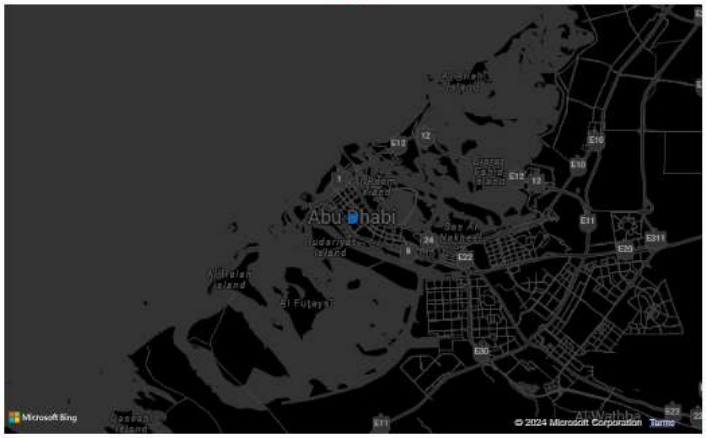


Country

City



City	Country	Restaurant Na...
Abu Dhabi	Australia	Applebee's
Agra	Brazil	Bait El Khetyar
Ahmedabad	Canada	Cho Gao - Cro...
Albany	India	Denny's
Alice Springs	Indonesia	Famous Dave'...
Allahabad	New Zealand	Gazebo
Amritsar	Phillipines	Genghis Grill
Ankara	Qatar	Hot Palayok
Armidale	Singapore	Indian By Nat...
Athens	South Africa	Olive Garden
Auckland	Sri Lanka	P.F. Chang's
Augusta	Turkey	Pizza Di Rocco

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Description

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:

Aim of the project:

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

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Created by Narendra

Introduction to Zomato

Zomato is a leading global restaurant discovery and food delivery platform, connecting people to a wide variety of dining experiences. With a presence in over 24 countries, Zomato empowers food lovers to explore and order from a vast network of restaurants at their fingertips.

High Level Business Requirement

Zomato is a restaurant search and discovery service. Operating in several countries worldwide, they provide detailed information and customer reviews of various restaurants.

The owners of Zomato, want to understand the hidden anomalies in their business data.

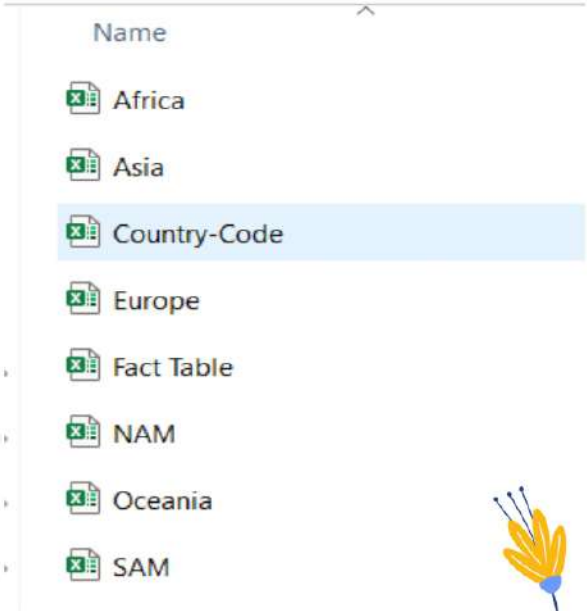
The final objective of this project is to analyze the data in a way which helps them to accurately judge their business performance.

High Level Steps

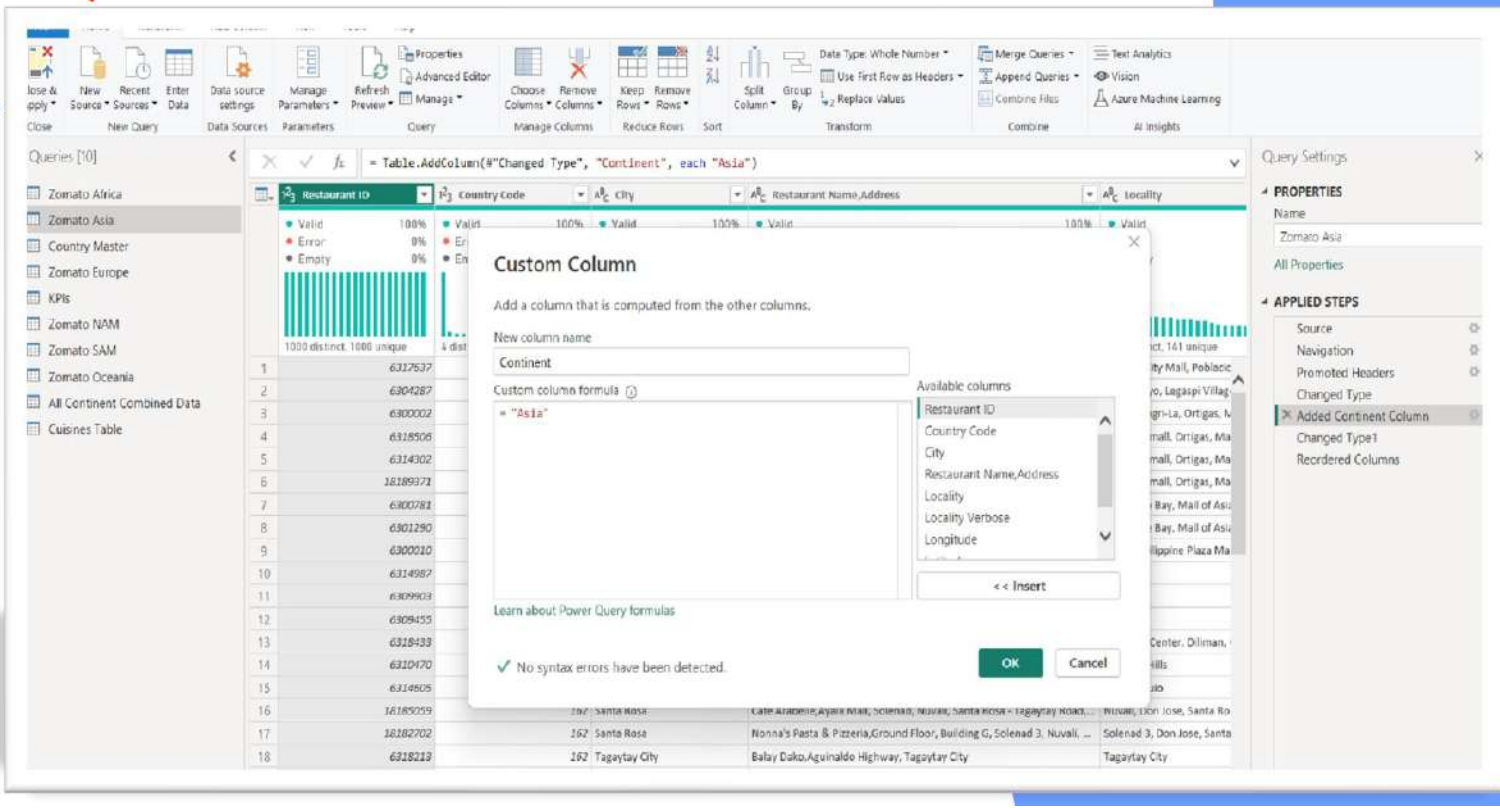
To achieve the above-mentioned requirements, following are some of the high-level steps that need to be performed.

Step 1.
Data Import:

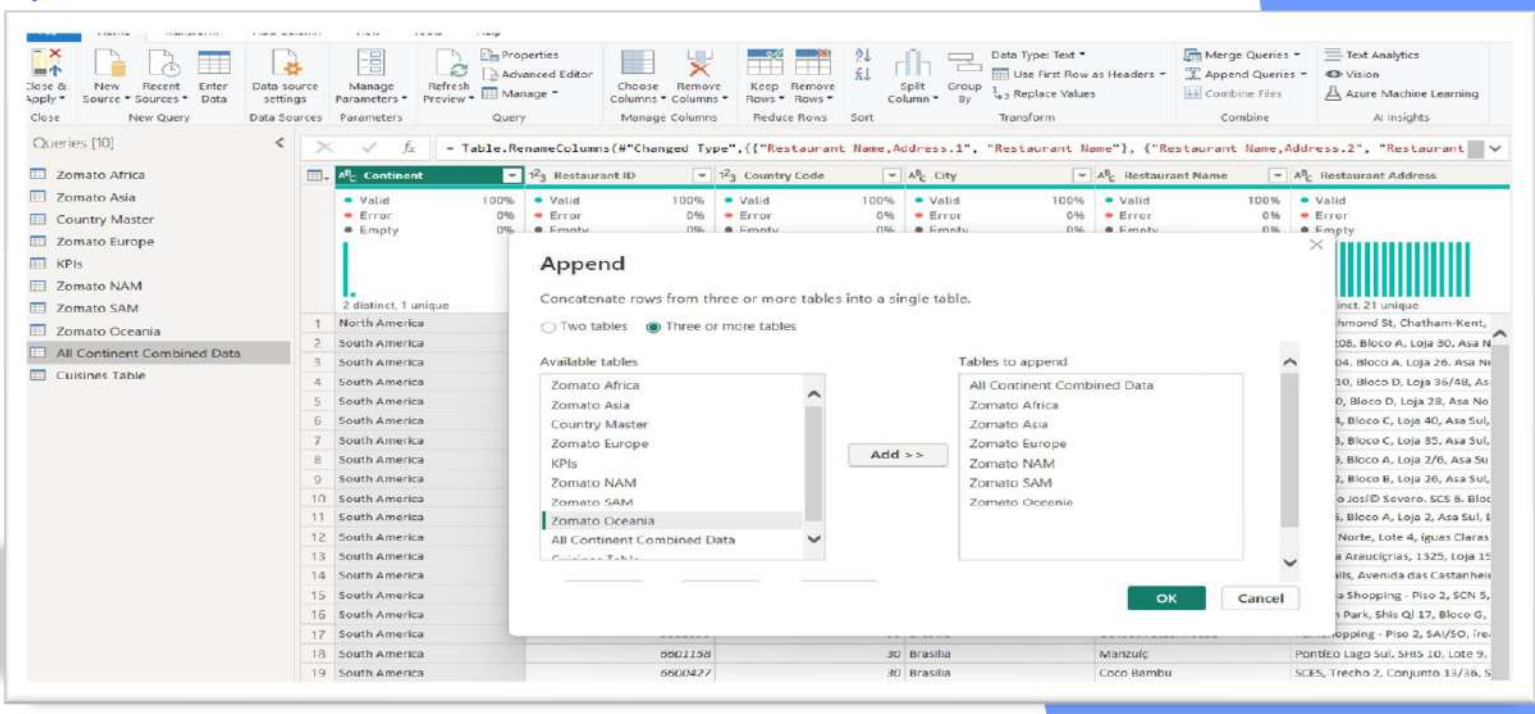
1) Import data from all the available Excel files



Step 2. Created a Custom Column for all Continent Tables



Step 3. I append all Continent Tables as a new table called as : All continent combined data



Step 4. Data Transformations

1) Some of the values in the "City" column, mentioned below, needs to be corrected.

a. The word "city" needs to be taken off from every city name (wherever appears).

b. "Sí£o Paulo" should be corrected to "São Paulo".

c. "Cedar Rapids/Iowa City" should be corrected to "Cedar Rapids".

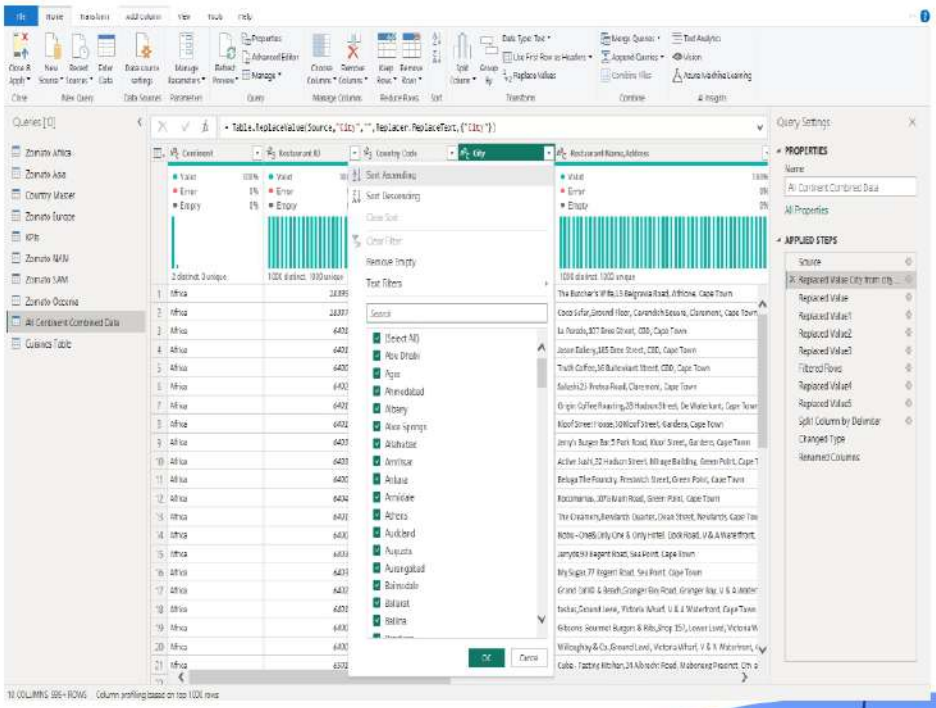
d. "ÛÁstanbul" should be corrected to "Istanbul".

2) Remove the columns which are not used.

3) Make separate columns to show the "Restaurant Name" and the "Restaurant Address".

4) Create a separate table from where you get the list of cuisines served by each restaurant.

5) The "Country-Code" table must contain only unique and non-blank values (as it's a dimension table).



Step 4. Data Transformations

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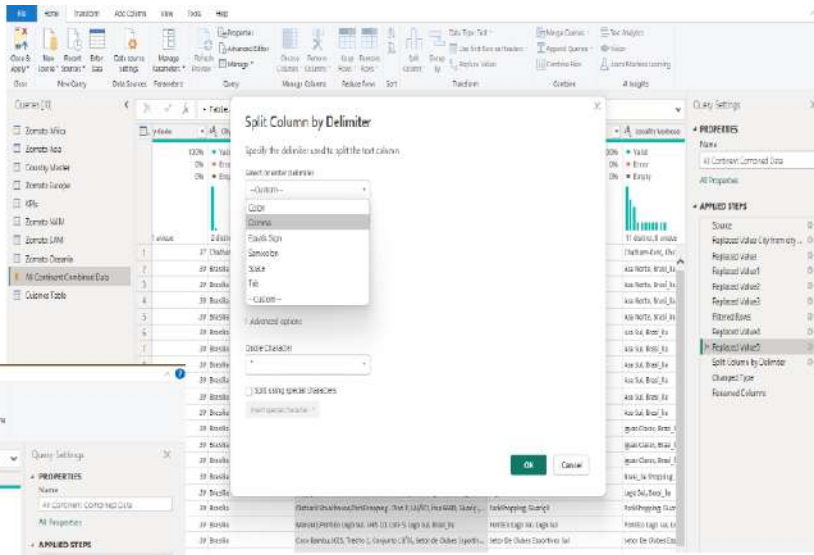
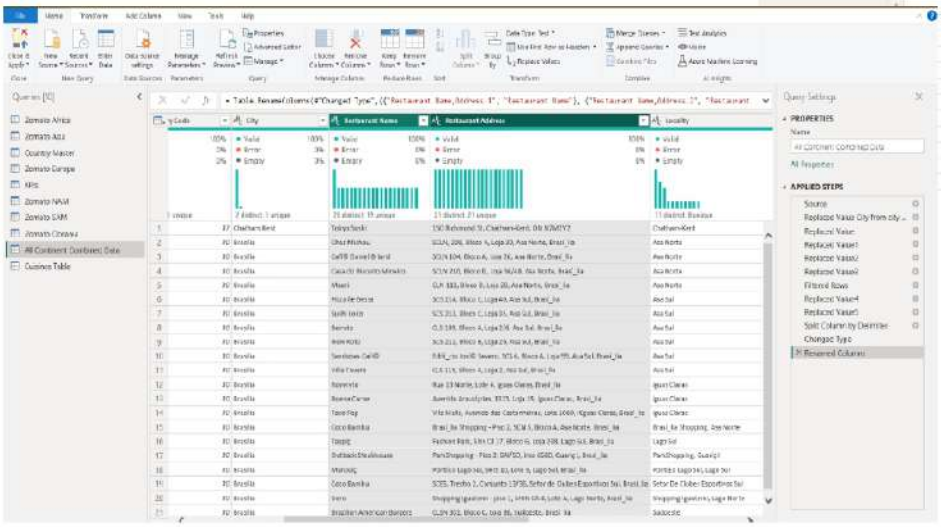
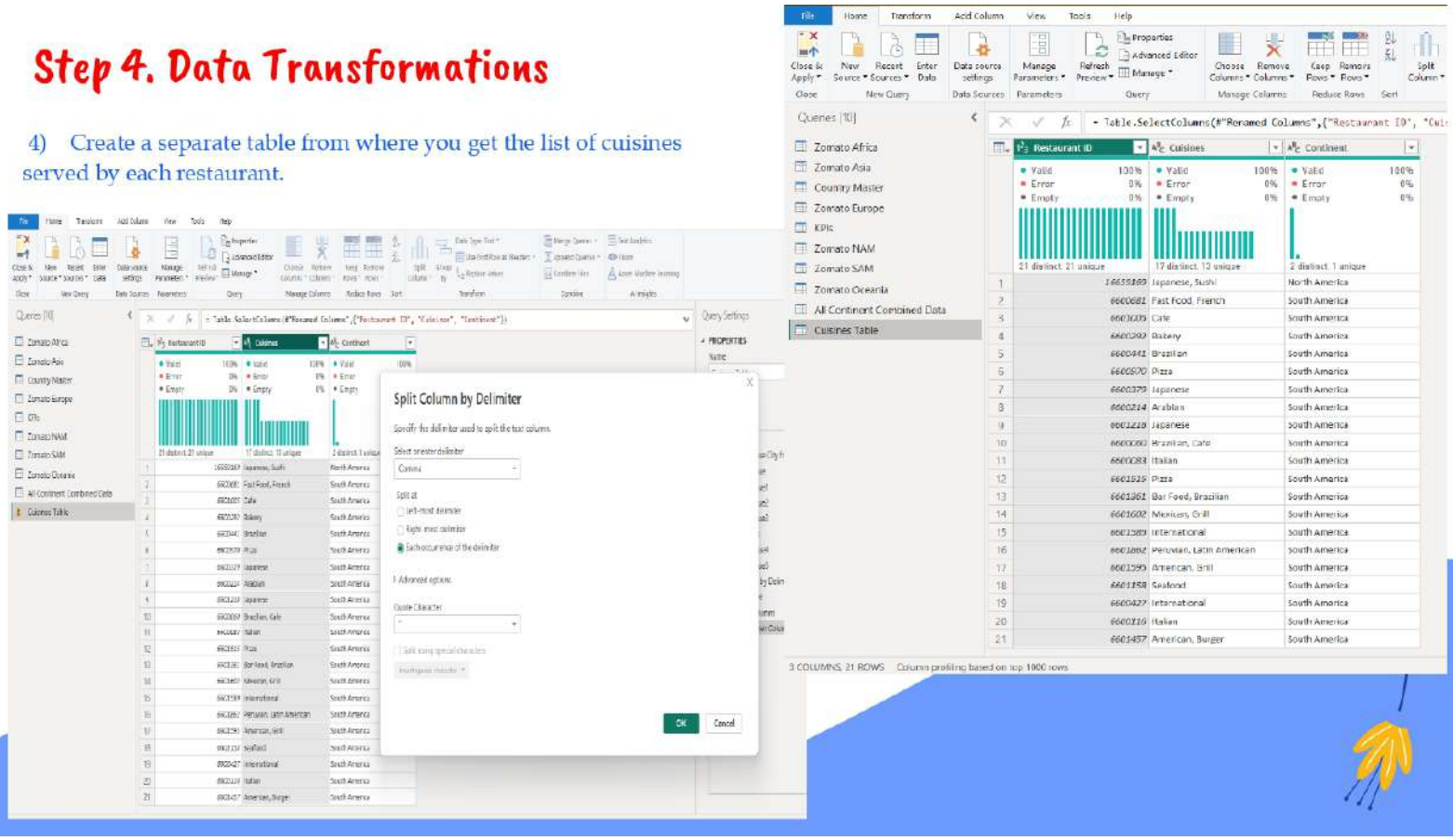




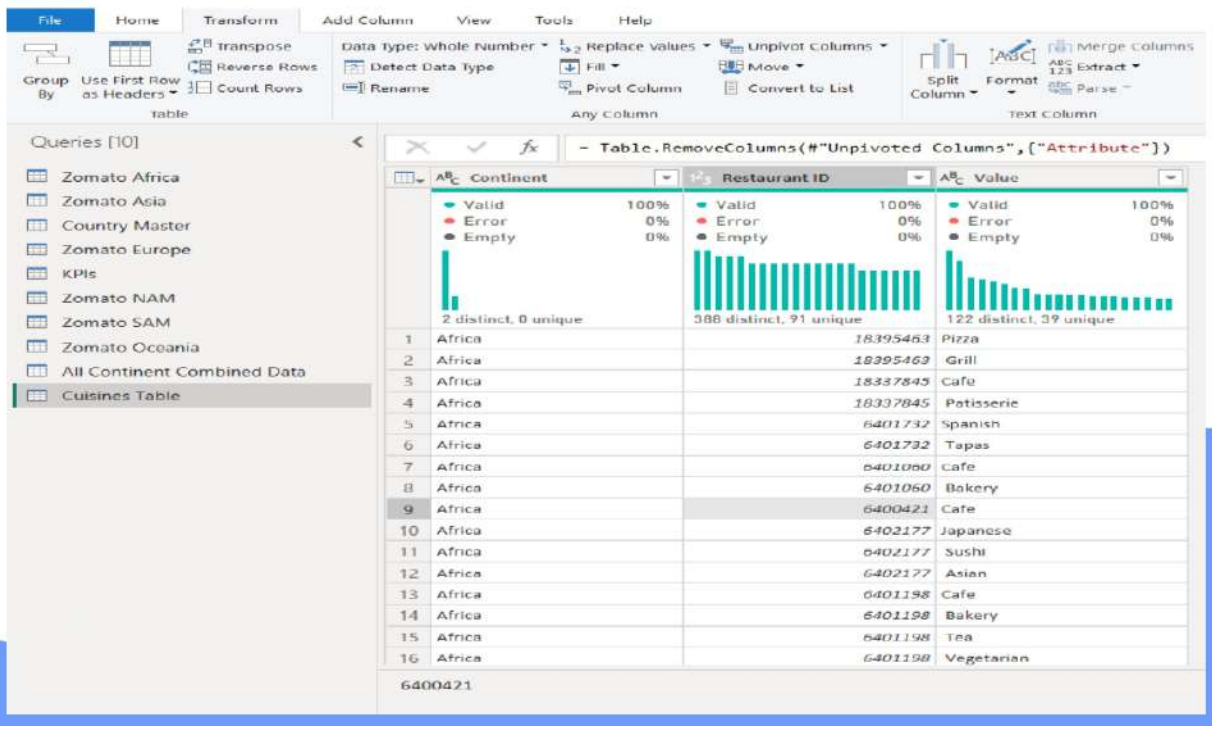
Step 4. Data Transformations

4) Create a separate table from where you get the list of cuisines served by each restaurant.



Step 4. Data Transformations

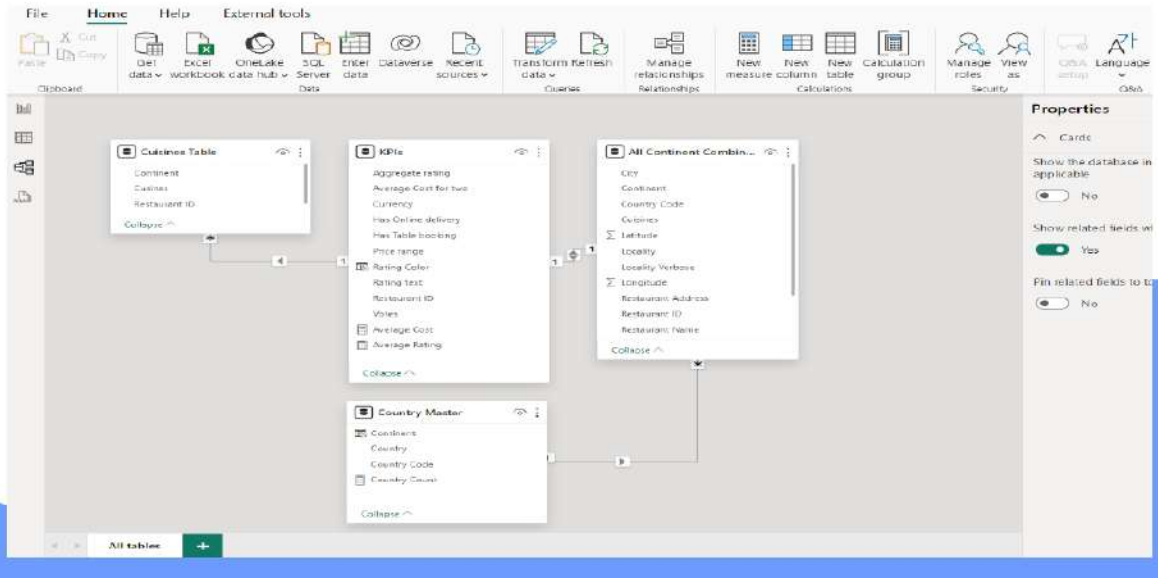
4) Create a separate table from where you get the list of cuisines served by each restaurant.



Step 5. Data Modelling

1) Model your data according to the reporting requirements.

2) While creating relationships, choose the appropriate "Cardinality" and the "Cross filter direction" so that the aggregations can happen accurately at the report level.



Step 6. Using DAX Created Measures

1) There needs to be a "Rating Color" column in an appropriate table. The data rows should follow the below mentioned convention.

Aggregate rating	Rating color
Above 4.5	Dark Green
4 to 4.4	Green
3.5 to 3.9	Yellow
2.5 to 3.4	Orange
1.8 to 2.4	Red
0 to 1.7	White

2) Create following measures in appropriate tables.

a. Restaurant Count
b. Average Cost
c. Average Rating
d. Cuisine Count

4) Wherever needed, lookup the continent column from the "Country Code" table.

3) Create a new column called "Continent" in the "Country Code" table. Create the values using the below mentioned convention.

Note: The Country and Continent mapping is as follows. Please use this convention wherever needed.

a. Africa – South Africa
b. Asia – Philippines
c. Asia – Singapore
d. Asia – UAE
e. Asia – India
f. Asia – Indonesia
g. Asia – Qatar
h. Asia – Sri Lanka
i. Asia – Turkey
j. Europe – United Kingdom
k. North America – United States
l. North America – Canada
m. Oceania – Australia
n. Oceania – New Zealand
o. South America – Brazil