

POWER BI PROJECT REPORT

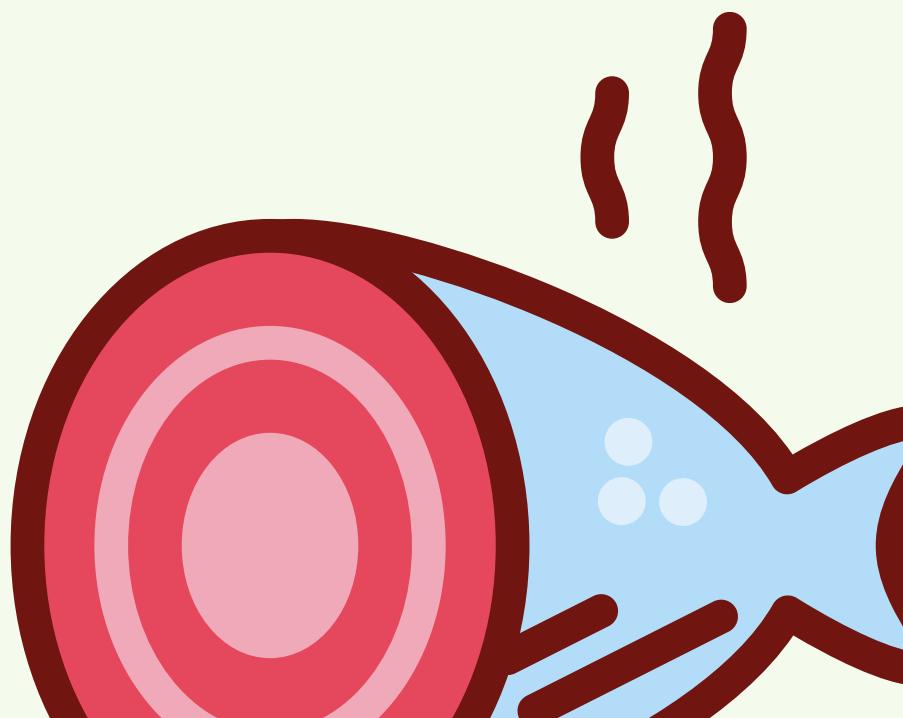
Zomato Business Performance Analysis

by
Madhavan Vijaya kumar



Introduction

- This project aims to analyze Zomato's business performance using Power BI.
- Analyzing the global restaurant aggregation and Cuisine Types in multiple countries.



Project Overview

AIM IS TO CONSTRUCT A CONSOLIDATED AND INTERACTIVE POWERBI REPORT THAT WILL ALLOW ZOMATO TO QUICKLY ASSESS THE REQUIRED DATA



Power BI Report Page 1

ZOMATO CUISINE'S AND RESTAURANTS DATA ANALYSIS REPORT

Australia Brazil Canada India Indonesia New Zealand Phillipines Qatar Singapore South Africa Sri Lanka Turkey UAE United Kingdom United States

Famous Cuisine
Afghani

Total Cities
140

Currency
Botswana Pula(P)

Total Cuisines
249

Total Restaurants
9551

Average cost For 2
1.20K

Rating texts

Average	3.74K
Not rated	2.15K
Good	2.10K
Very Good	1.08K
Excellent	0.30K
Poor	0.19K

Total Count by Cuisine

Cuisine Type	Count
North Indian	0.97K
Chinese	0.86K
Mughlai	0.78K
Fast Food	0.67K
Bakery	1.31K
North In...	0.62K
Ita...	0.53K
D...	0.50K
Co...	0.50K
Stre...	0.3...
P...	0.3...
Ame...	0.3...
Sout...	0.3...
Mithai	0.3...
Stree...	0.3...
Cont...	0.3...
Italian	0.3...

City	Country
Santa Rosa	United States
Secunderabad	India
Mysore	India
Ghaziabad	India
Sandton	South Africa
Rio de Janeiro	Brazil
Rest of Hawaii	United States
Des Moines	United States
Bangalore	India
Cochrane	Canada
Pune	India
Mohali	India
Kanpur	India
Vadodara	India
Aurangabad	India
Ankara	Turkey
Kochi	India
Davenport	United States
Istanbul	Turkey
Tampa Bay	United States
Bogor	Indonesia
Guwahati	India
Mumbai	India
Dalton	United States
Doha	Qatar
Bundaberg	Australia
San Juan City	Philippines
Mangalore	India
Princeton	United States
Amritsar	India
Vizag	India
Consort	United States
Abu Dhabi	UAE
Augusta	United States
Monroe	United States
Auckland	New Zealand
Kingaroy	Australia
Cairns	Australia
Kolkata	India
Nashik	India
Ludhiana	India
Dehradun	India
Puducherry	India
Sharjah	UAE
Surat	India
Dubai	UAE
Ahmedabad	India
Singapore	Singapore
Geelong	Australia
Orlando	United States
Murray Bridge	Australia
Wangeratta	Australia
Yorkton	Canada
Townsville	Australia
Weirton	United States
Bhopal	India
Patna	India
Goa	India
Potterero	Argentina
Taguig City	Philippines
Portland	United States
Wollongong	Australia
Gurgaon	India
Noida	India
Valdosta	United States
Tangerang	Indonesia
Mandaluyong City	Philippines
Geelong	Australia
Orlando	United States
Murray Bridge	Australia
Wangeratta	Australia
Yorkton	Canada
Townsville	Australia
Weirton	United States
Bairnsdale	Australia
Agra	India
Varanasi	India
Jaipur	India
Chennai	India
Pensacola	United States
Cape Town	South Africa
Ranchi	India
Lucknow	India
Vernonia	United States
Wagga Wagga	Australia
Albury	Australia
Goulburn	Australia
Vineland Station	United States
Winchester Bay	Australia
Albany	Australia

Restaurant Name	Cuisine Count's	Average cost	Average rating
Let's Burrrp	2	400.00	0.00
#45	1	600.00	3.60
#Dilliwaala6	1	800.00	3.70
#hashtag	1	500.00	0.00
#InstaFreeze	1	300.00	0.00
#OFF Campus	4	800.00	3.70
#Urban Cafí©	3	650.00	3.30
@Mango	4	800.00	4.10
{Niche} - Cafe & Bar	4	1,500.00	4.10
10 Downing Street	2	1,250.00	4.00
10 To 10 In Delhi	2	20.00	3.80
Total	249	1,199.21	2.67

Power BI Report Page 2

zomato

Africa Asia Europe North America Oceania South America

Highest-rated Restaurant: AB's - Absolute Barbecues

Lowest-rated Restaurant: Let's Burrrp

Famous Cuisine: Afghani

High Cost Restaurant: Sato - Hotel Shangr...

Low Cost Restaurant: Atmosphere Grill Cafe Sh...

Average Rating: 2.67

Average cost for 2 in Rs.: 788

Restaurant Count: 9551

Total Cities: 140

Restaurants by Ratings

8.2K (Red)

1.2K (Green)

0.2K (Dark Green)

Red = Below 4
Green = 4 to 4.4
Dark Green = below 4

Votes by Rating text

Average: 3.7K

Not rated: 2.1K

Good: 2.1K

Very Good: 1.1K

Excellent: 0.3K

Poor: 0.2K

Map of Restaurants

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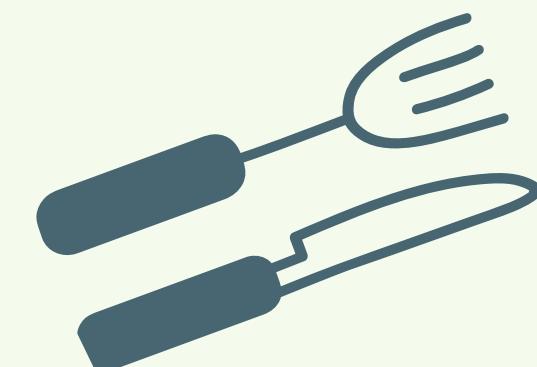
City	Currency	Avg for 2	Rst's Count	Avg rating
Abu Dhabi	Emirati Diram(AED)	166.42	20	4.30
Agra	Indian Rupees(Rs.)	623.37	20	3.97
Ahmedabad	Indian Rupees(Rs.)	623.37	21	4.16
Albany	Dollar(\$)	31.51	22	3.52
Alice Springs	Dollar(\$)	31.51	1	3.40
Allahabad	Indian Rupees(Rs.)	623.37	20	3.40
Amritsar	Indian Rupees(Rs.)	623.37	21	3.69
Ankara	Turkish Lira(TL)	84.85	20	4.31
Armidale	Dollar(\$)	31.51	1	3.80
Athens	Dollar(\$)	31.51	20	4.20
Total			9551	2.67

Data Sources

- We sourced data from multiple Excel files, each containing restaurant information by continent.
- Data was collected for restaurants across various countries and cities



Africa	9/9/2023 10:43 PM	Microsoft Excel W...	18 KB
Asia	9/9/2023 10:43 PM	Microsoft Excel W...	735 KB
Country-Code	9/9/2023 10:43 PM	Microsoft Excel W...	12 KB
Europe	9/9/2023 10:43 PM	Microsoft Excel W...	19 KB
Fact Table	9/9/2023 10:43 PM	Microsoft Excel W...	432 KB
NAM	9/9/2023 10:43 PM	Microsoft Excel W...	50 KB
Oceania	9/9/2023 10:43 PM	Microsoft Excel W...	18 KB
SAM	9/9/2023 10:43 PM	Microsoft Excel W...	18 KB



DATA IMPORT

-  Zomato Africa
-  Zomato Asia
-  Zomato Europe
-  Zomato NAM
-  Zomato SAM
-  Zomato Oceania
-  Country Master
-  KPIs



DATA TRANSFORMATION

1 ² ₃ Restaurant ID	A ^B _C Cusine Base
18395463	Pizza
18395463	Grill
18337845	Cafe
18337845	Patisserie
6401732	Spanish
6401732	Tapas
6401060	Cafe
6401060	Bakery
6400421	Cafe
6402177	Japanese
6402177	Sushi
6402177	Asian
6401198	Cafe
6401198	Bakery
6401198	Tea
6401198	Vegetarian
6401054	Mediterranean
6403291	Burger
6403291	American
6403499	Sushi
6400191	Seafood
6400191	Asian
6400191	Grill
6400191	Sushi
6404082	Burger
6404082	Fast Food
6404082	Grill
6401485	Desserts

A ^B _C Restaurant Name	1 ² ₃ Restaurant ID
The Butcher's Wife	18395463
Coco Safar	18337845
La Parada	6401732
Jason Bakery	6401060
Truth Coffee	6400421
Salushi	6402177
Origin Coffee Roasting	6401198
Kloof Street House	6401054
Jerry's Burger Bar	6403291
Active Sushi	6403499
Beluga	6400191
Rocomamas	6404082
The Creamery	6401485
Nobu - One&Only	6400621
Jarryds	6403544
My Sugar	6403452
Grand Cafi© & Beach	6402163
tashas	6401789
Gibson's Gourmet Burgers & Ribs	6400235
Willoughby & Co.	6400217
Cube - Tasting Kitchen	6501534
Urbanologi	18339373
Momo Baohaus	6517396
Craft	6502688
Hudsons	6515130
The Wolfpack	6502341
The National	6516766
Marble	18370704



Data Exploration

Data exploration was essential to uncover hidden insights.

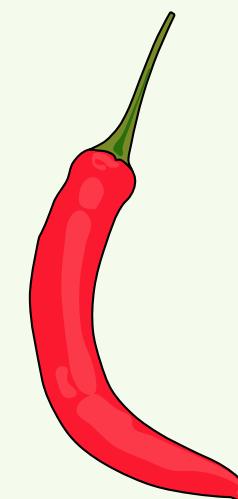
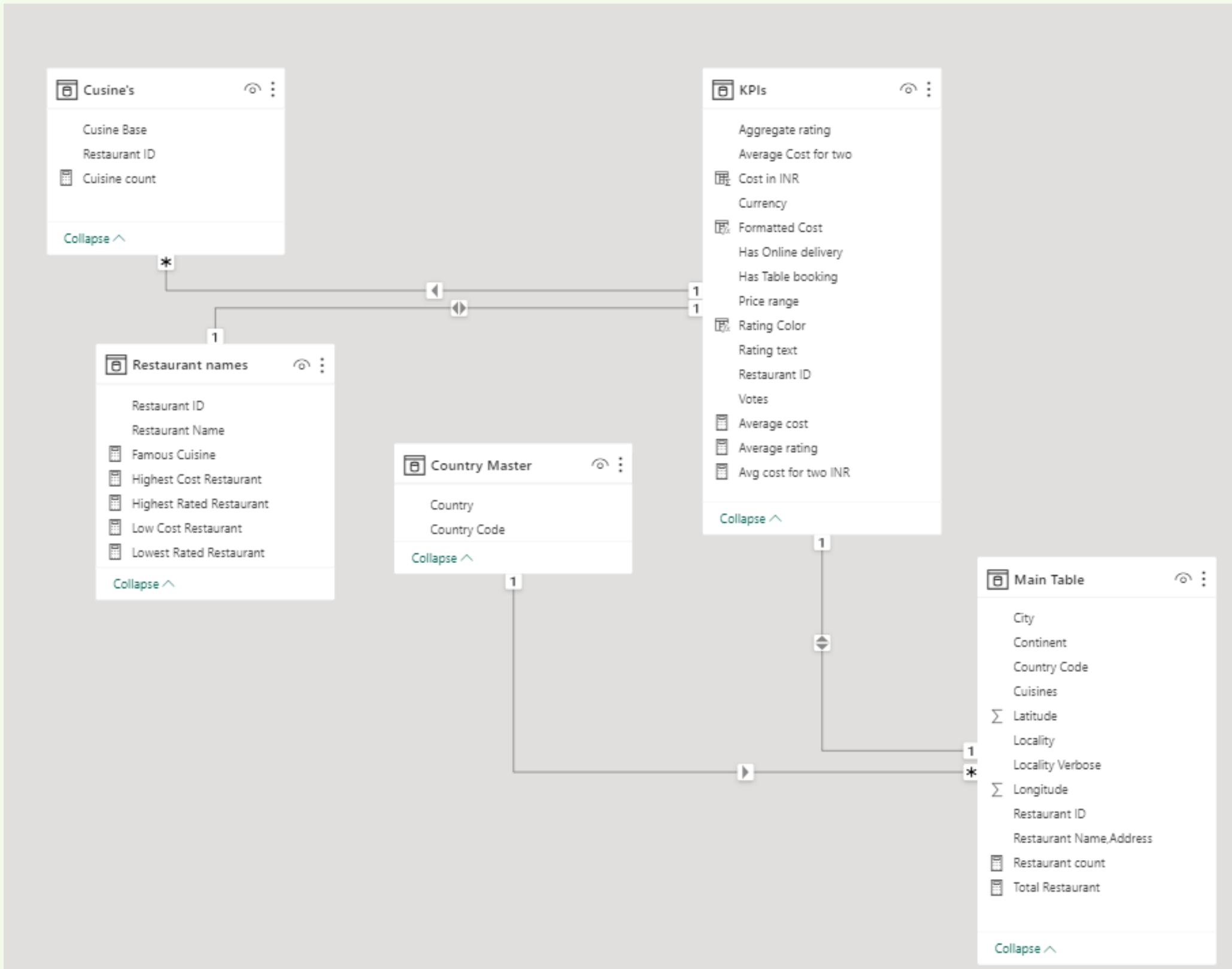
Restaurant ID	Continent	Country Code	City	Restaurant Name,Address
18395463	Africa	189	Cape Town	The Butcher's Wife,15 Belgravia Road, Athlone, Cape Town
18337845	Africa	189	Cape Town	Coco Safari,Ground Floor, Cavendish Square, Claremont, Cape Town
6401732	Africa	189	Cape Town	La Parada,107 Bree Street, CBD, Cape Town
6401060	Africa	189	Cape Town	Jason Bakery,185 Bree Street, CBD, Cape Town
6400421	Africa	189	Cape Town	Truth Coffee,36 Buitenkant Street, CBD, Cape Town
6402177	Africa	189	Cape Town	Salushi,25 Protea Road, Claremont, Cape Town
6401198	Africa	189	Cape Town	Origin Coffee Roasting,28 Hudson Street, De Waterkant, Cape Town
6401054	Africa	189	Cape Town	Kloof Street House,30 Kloof Street, Gardens, Cape Town
6403291	Africa	189	Cape Town	Jerry's Burger Bar,5 Park Road, Kloof Street, Gardens, Cape Town
6403499	Africa	189	Cape Town	Active Sushi,32 Hudson Street, Mirage Building, Green Point, Cape Town
6400191	Africa	189	Cape Town	Beluga,The Foundry, Prestwich Street, Green Point, Cape Town
6404082	Africa	189	Cape Town	Rocomamas,107a Main Road, Green Point, Cape Town
6401485	Africa	189	Cape Town	The Creamery,Newlands Quarter, Dean Street, Newlands, Cape Town
6400621	Africa	189	Cape Town	Nobu - One&Only,One & Only Hotel, Dock Road, V & A Waterfront, Ca...
6403544	Africa	189	Cape Town	Jarryds,90 Regent Road, Sea Point, Cape Town
6403452	Africa	189	Cape Town	My Sugar,77 Regent Road, Sea Point, Cape Town
6402163	Africa	189	Cape Town	Grand Cafi® & Beach,Granger Bay Road, Granger Bay, V & A Waterfro...
6401789	Africa	189	Cape Town	tashas,Ground Level, Victoria Wharf, V & A Waterfront, Cape Town
6400235	Africa	189	Cape Town	Gibson's Gourmet Burgers & Ribs,Shop 157, Lower Level, Victoria Wha...
6400217	Africa	189	Cape Town	Willoughby & Co.,Ground Level, Victoria Wharf, V & A Waterfront, Cap...
6501534	Africa	189	Inner City	Cube - Tasting Kitchen,24 Albrecht Road, Maboneng Precinct, City and ...
18339373	Africa	189	Inner City	Urbanologi,1 Fox Street, Marshalltown, Inner City, Johannesburg
6517396	Africa	189	Johannesburg	Momo Baohaus,139 Greenway, Greenside, Johannesburg
6502688	Africa	189	Johannesburg	Craft,33, 4th Avenue corner of 13th street, Parkhurst, Johannesburg
6515130	Africa	189	Johannesburg	Hudsons,Corner 4th Avenue & 14th Street, Parkhurst, Johannesburg
6502341	Africa	189	Johannesburg	The Wolfpack,21, 4th Avenue, Parkhurst, Johannesburg
6516766	Africa	189	Johannesburg	The National,19, 4th Avenue, Parktown North, Johannesburg

Restaurant ID	Average Cost for two	Currency	Has Table booking	Has Online delivery	Price range	Aggregate rating	Rating text	Votes	Rating Color
18433852	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18465871	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18471268	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18472429	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18471296	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18466420	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18464607	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18464631	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18433879	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18480389	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18446428	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18446082	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18471244	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18424179	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18294253	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18471308	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18471320	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18398616	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18481295	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18462605	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18463989	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18463992	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18451168	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18312606	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18393717	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18392211	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red
18418453	300	Indian Rupees(Rs.)	No	No	1	0	Not rated	0	Red

Restaurant Name	Restaurant ID
Cafe Coffee Day	9650
Cafe Coffee Day	8590
Cafe Coffee Day	631
Cafe Coffee Day	18161609
Cafe Coffee Day	611
Cafe Coffee Day	302920
Cafe Coffee Day	6847
Cafe Coffee Day	6743
Cafe Coffee Day	606
Cafe Coffee Day	18469972
Cafe Coffee Day	598
Cafe Coffee Day	18466414
Cafe Coffee Day	302243
Cafe Coffee Day	7582
Cafe Coffee Day	18163907
Cafe Coffee Day	7354
Cafe Coffee Day	18312487
Cafe Coffee Day	18371396
Cafe Coffee Day	18175255
Cafe Coffee Day	596
Cafe Coffee Day	5464
Cafe Coffee Day	18466971
Cafe Coffee Day	9014
Cafe Coffee Day	9453
Cafe Coffee Day	5260
Cafe Coffee Day	7893
Cafe Coffee Day	5262



Uncovering Relationship's





Power BI Report

Mobile Layout

1

Highest-rated Restaurant
AB's - Absolute Barbecues

Lowest-rated Restaurant
Let's Burrrp

Famous Cuisine
Afghani

High Cost Restaurant
Satoo - Hotel Shangri-La

Low Cost Restaurant
Atmosphere Grill Cafe Sheesha

Africa **Europe** **Oceania**
Asia **North America** **South America**



Continent	Country	City	Total Restaurants
Africa	South Africa	Cape Town	
Africa	South Africa	Inner City	
Africa	South Africa	Johannesburg	
Africa	South Africa	Pretoria	
Africa	South Africa	Randburg	
Africa	South Africa	Sandton	
Asia	India	Agra	
Asia	India	Ahmedabad	
Asia	India	Allahabad	
Asia	India	Amritsar	
Asia	India	Aurangabad	
Total			95



Australia	New Zealand	Sri Lanka
Brazil	Phillipines	Turkey
Canada	Qatar	UAE
India	Singapore	United Kingdom
Indonesia	South Africa	United States



Has Online delivery

No

Yes

Price range

1

2

3

4

Has Table booking

No

Yes

Rating Color

Dark Green

Green

Red





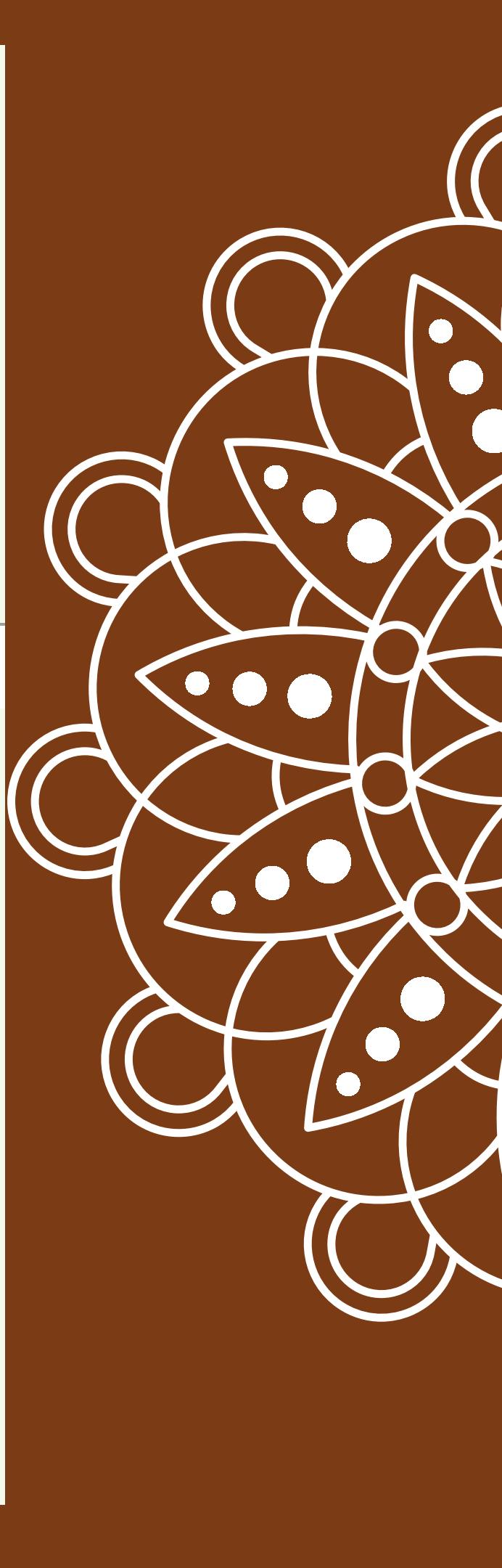
Key findings from the report
include

Total number of restaurants worldwide

Total Restaurant = DISTINCTCOUNT('Main Table'[Restaurant ID])

Total Restaurants

9551





Global data with drill-down capabilities



A decorative horizontal scrollwork graphic in orange, featuring intricate loops and dots, positioned above the main title.

	Africa	Asia	Europe	North America	Oceania	South America								
Australia	Brazil	Canada	India	Indonesia	New Zealand	Phillipines	Qatar	Singapore	South Africa	Sri Lanka	Turkey	UAE	United Kingdom	United States

The interface displays a hierarchical navigation structure. The top row shows global regions: Africa, Asia, Europe, North America, Oceania, and South America. The bottom row provides a more granular view of countries within each region, such as Australia, Brazil, Canada, India, Indonesia, New Zealand, Phillipines, Qatar, Singapore, South Africa, Sri Lanka, Turkey, UAE, United Kingdom, and United States.

Highest Rated Restaurant

```
1 Highest Rated Restaurant =  
2 VAR MaxRating = MAX('KPIs'[Aggregate rating])  
3 RETURN  
4     CALCULATE(  
5         FIRSTNONBLANK('Restaurant names'[Restaurant Name], 1),  
6         FILTER('KPIs', 'KPIs'[Aggregate rating] = MaxRating)  
7     )
```



Lowest Rated Restaurant

```
1 Lowest Rated Restaurant =  
2 VAR MinRating = MIN('KPIs'[Aggregate rating])  
3 RETURN  
4     CALCULATE(  
5         FIRSTNONBLANK('Restaurant names'[Restaurant Name], 1),  
6         FILTER('KPIs', 'KPIs'[Aggregate rating] = MinRating)  
7     )
```





Restaurants by Budget

High Cost Restaurant

Highest Cost Restaurant =

```
VAR MaxCost = MAX('KPIs'[Average cost for two])
```

```
RETURN
```

```
CALCULATE(
```

```
    FIRSTNONBLANK('Restaurant names'[Restaurant Name], 1),
```

```
    FILTER('KPIs', 'KPIs'[Average cost for two] = MaxCost)
```

```
)
```



Restaurants by Budget

Low Cost Restaurant

```
1 Low Cost Restaurant =  
2 VAR MinCost = MIN('KPIs'[Average cost for two])  
3 RETURN  
4     CALCULATE(  
5         FIRSTNONBLANK('Restaurant names'[Restaurant Name], 1),  
6         FILTER('KPIs', 'KPIs'[Average cost for two] = MinCost)  
7     )
```





DAX Measures

Rating color

```
1 Rating Color = SWITCH(TRUE(),  
2   [Aggregate rating] > 4.5, "Dark Green",  
3   [Aggregate rating] >= 4, "Green",  
4   "Red"  
5 )
```

Rating Color
Red
Dark Green
Green
Dark Green
Green
Dark Green

Average cost

Currency	Average Cost for Two (Avg)
Rand(R)	419.73
Botswana Pula(P)	1,606.82
Dollar(\$)	31.51
Emirati Diram(AED)	166.42
Indian Rupees(Rs.)	623.37
Indonesian Rupiah(IDR)	281,190.48
Qatari Rial(QR)	223.75
Sri Lankan Rupee(LKR)	2,375.00
Turkish Lira(TL)	84.85
Pounds(£)	47.81
NewZealand(\$)	69.75
Brazilian Real(R\$)	134.67

City	Currency	Avg for 2
Abu Dhabi	Emirati Diram(AED)	166.42
Agra	Indian Rupees(Rs.)	623.37
Ahmedabad	Indian Rupees(Rs.)	623.37
Albany	Dollar(\$)	31.51
Alice Springs	Dollar(\$)	31.51
Allahabad	Indian Rupees(Rs.)	623.37
Amritsar	Indian Rupees(Rs.)	623.37
Ankara	Turkish Lira(TL)	84.85
Armidale	Dollar(\$)	31.51
Athens	Dollar(\$)	31.51
Total		





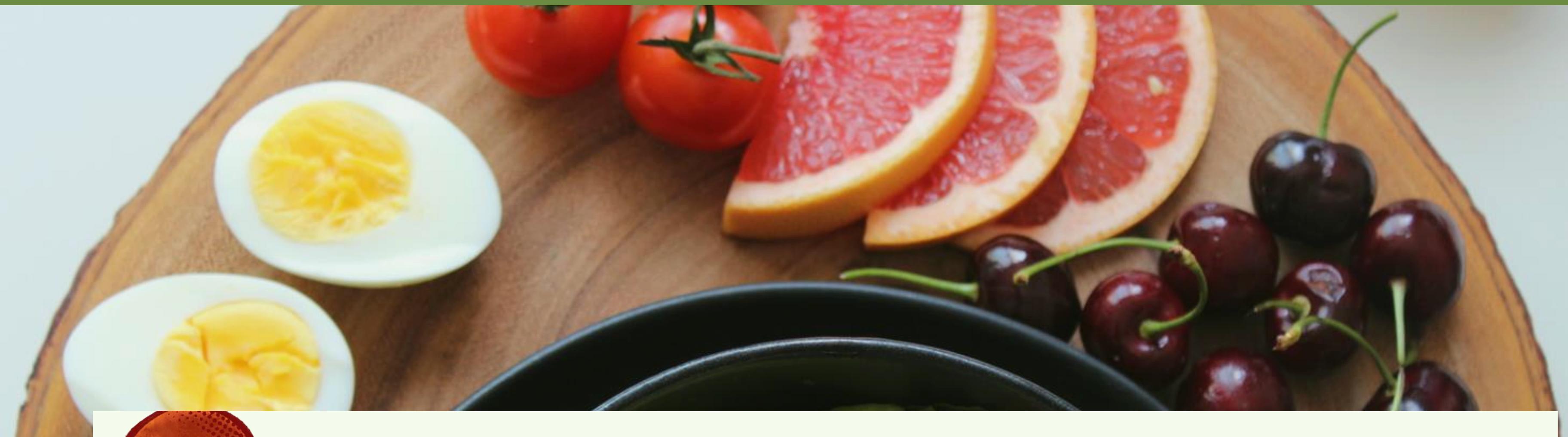
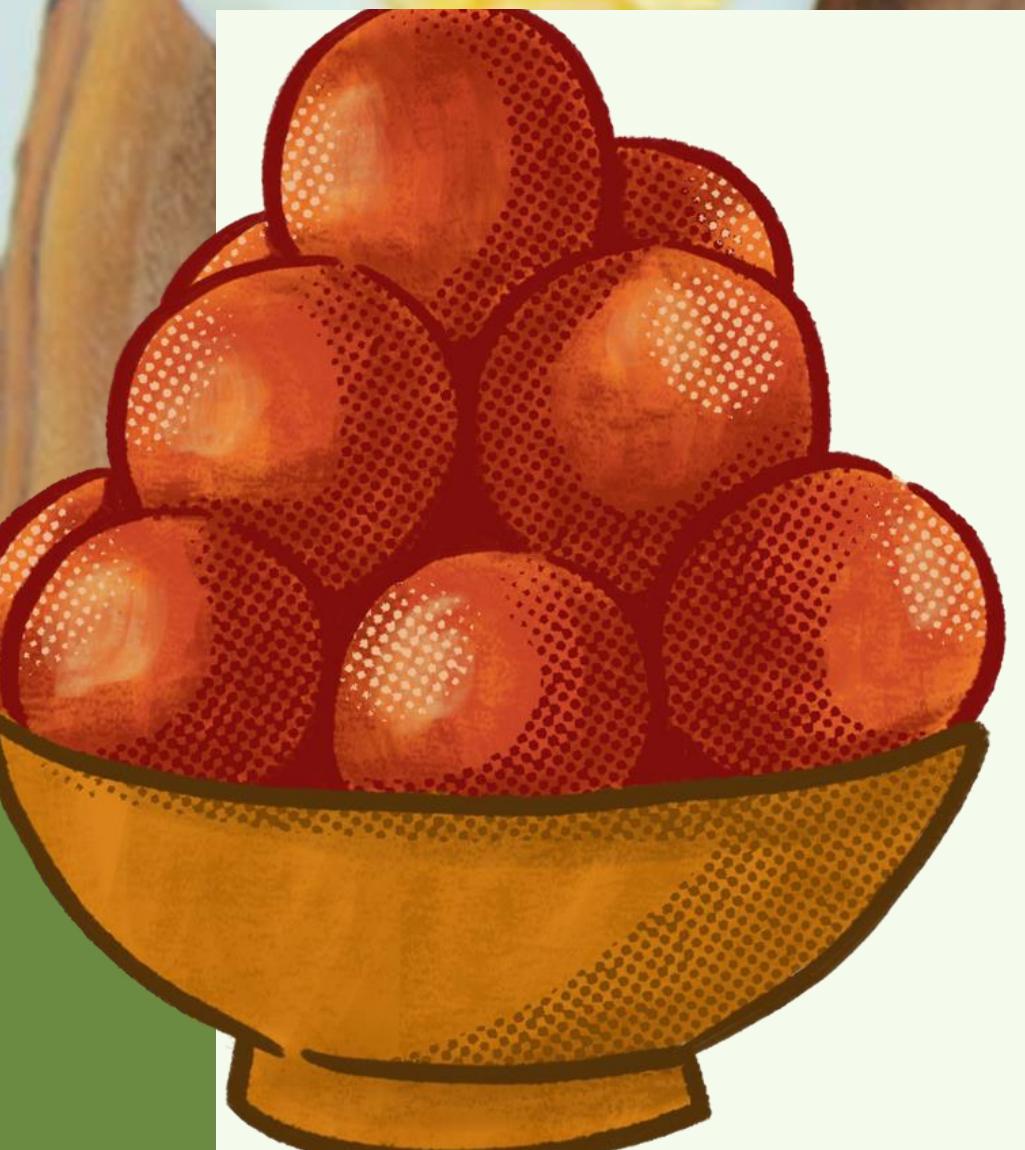
Average rating

```
1 Average rating = AVERAGE('KPIs'[Aggregate rating])
```

Average Rating

2.67





Cuisine count

Cuisine count = DISTINCTCOUNT('Cuisine''s'[Cuisine Base])

Total Cuisines

249



Word Clouds





Word Clouds



Custom Slicers



Has Table booking

No

Yes

Price range

1

2

3

4

Rating Color

Dark Green

Green

Red

Has Online deliv...

No

Yes



Restaurants By Rating and Rate

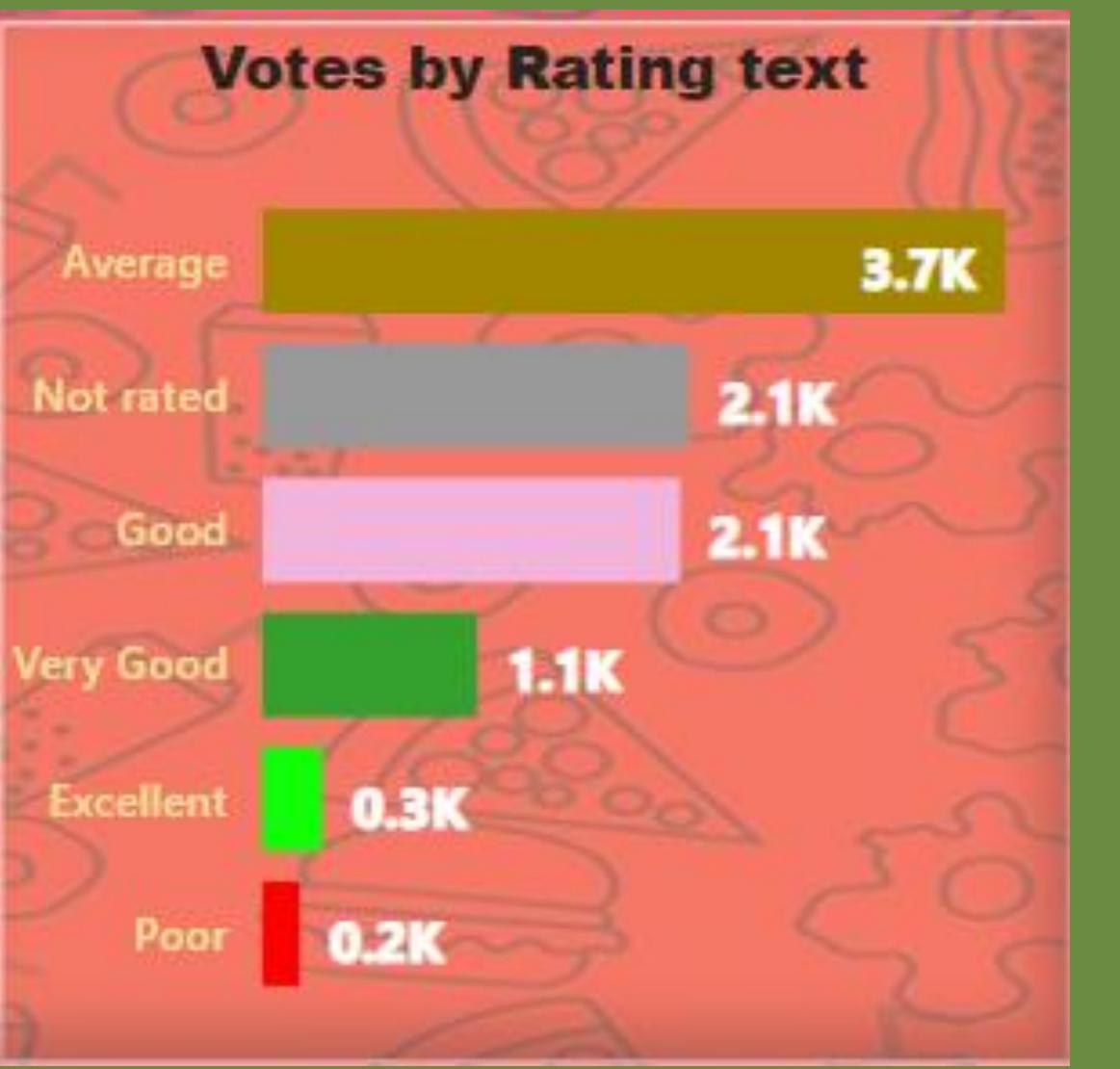
Restaurant Name	Cuisine Count's	Average cost	Average rating
Let's Burrrp	2	400.00	0.00
#45	1	600.00	3.60
#Dilliwaala6	1	800.00	3.70
#hashtag	1	500.00	0.00
#InstaFreeze	1	300.00	0.00
#OFF Campus	4	800.00	3.70
#Urban Cafi©	3	650.00	3.30
@Mango	4	800.00	4.10
{Niche} - Cafe & Bar	4	1,500.00	4.10
10 Downing Street	2	1,250.00	4.00
10 To 10 In Delhi	2	20.00	3.80
Total	249	1,199.21	2.67

Restaurants by city with cost and ratings drill down

City	Currency	Avg for 2	Rst's Count	Avg rating
Abu Dhabi	Emirati Diram(AED)	166.42	20	4.30
Agra	Indian Rupees(Rs.)	623.37	20	3.97
Ahmedabad	Indian Rupees(Rs.)	623.37	21	4.16
Albany	Dollar(\$)	31.51	22	3.52
Alice Springs	Dollar(\$)	31.51	1	3.40
Allahabad	Indian Rupees(Rs.)	623.37	20	3.40
Amritsar	Indian Rupees(Rs.)	623.37	21	3.69
Ankara	Turkish Lira(TL)	84.85	20	4.31
Armidale	Dollar(\$)	31.51	1	3.80
Athens	Dollar(\$)	31.51	20	4.20
Total			9551	2.67

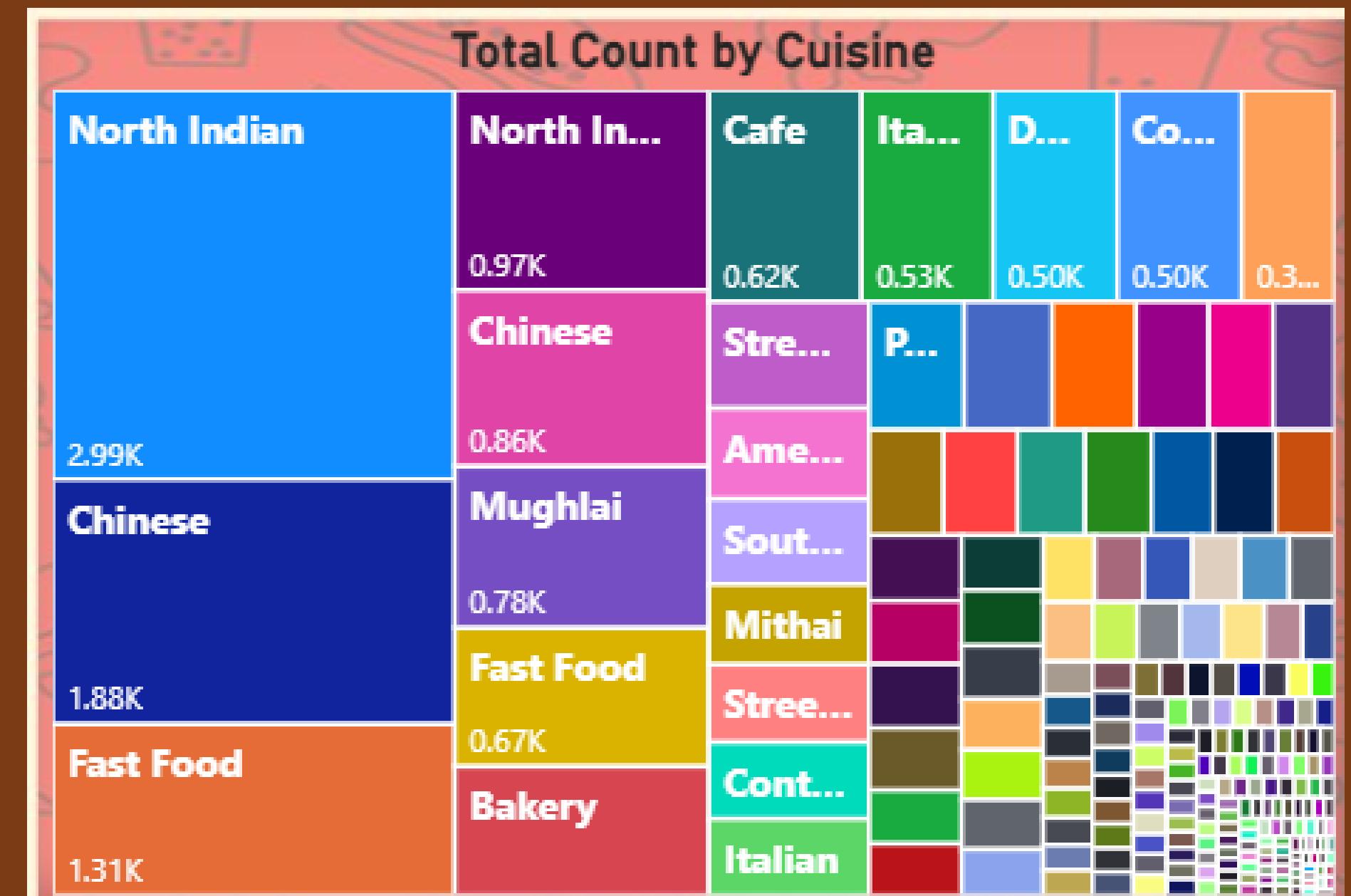


Votes by Rating





Total Cuisines by count



Thank you!