

SIMPLILEARN POWERBI COURSE

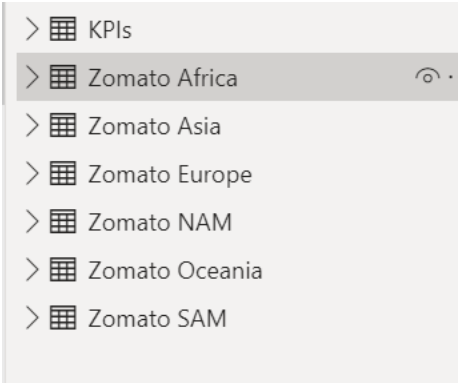
ZOMATO RESTAURANT PROJECT

BY

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JULY 2023

1. Import the data from all available Excel files



2. Data Transformation

Restaurant ID	Country Code	City	Restaurant Name	Restaurant Address
7302859	30	Rio de Janeiro	Aconchego Carioca	Rua Barão de Iguatemi, 379, Tijuca, Rio de Janeiro
7301700	30	Rio de Janeiro	Garota de Ipanema	Avenida João Alves, 56, Urca, Rio de Janeiro
6706313	30	Sao Paulo	Cantina Famiglia Mancini	Rua Avanhandava, 81, Bela Vista, São Paulo 10000
6704326	30	Sao Paulo	Templo da Carne - Marcos Bassi	Rua Treze de Maio, 668, Bela Vista, São Paulo 01327000
6711179	30	Sao Paulo	Gopala Hari	Rua Antonio Carlos, 429, Consolação, São Paulo
6702797	30	Sao Paulo	Jiquitaia	Rua Antônio Carlos, 268, Consolação, São Paulo
6700475	30	Sao Paulo	Skye - Hotel Unique	Hotel Unique, Avenida Brigadeiro Luís Antônio, 4700, Jardim Paulista, São Paulo
6713413	30	Sao Paulo	Les 3 Brasseurs	Rua Jesusino Arruda, 470, Itaim Bibi, São Paulo
6714340	30	Sao Paulo	Red Steak & Burger	Rua Tabapuá, 1417, Itaim Bibi, São Paulo
6710645	30	Sao Paulo	Cantinho da Gula	Rua Pedroso Alvarenga, 522, Itaim Bibi, São Paulo, SP
6700402	30	Sao Paulo	Paris 6 Classique	Rua Haddock Lobo, 1240, Cerqueira César, Jardim Paulista, São Paulo
6700846	30	Sao Paulo	Kawa Sushi	Alameda Lorena, 300, Jardim Paulista, São Paulo
6702159	30	Sao Paulo	A Figueira Rubaiyat	Rua Haddock Lobo, 1738, Cerqueira César, Jardim Paulista, São Paulo 10000
6711666	30	Sao Paulo	Kinoshita	Rua Jacques Fick, 405, Vila Nova Conceição, Moema, São Paulo
6701257	30	Sao Paulo	Meats	Rua dos Pinheiros, 320, Pinheiros, São Paulo
6706211	30	Sao Paulo	Paribar	Praça Dom José Gaspar, 42, República, São Paulo 10000
6705858	30	Sao Paulo	Terraio Itália	Edifício Itália - 41º Andar, Avenida Ipiranga, 344, República, São Paulo
6701419	30	Sao Paulo	Divino Fogueo	Shopping Metrô Santa Cruz - Piso L2, Rua Domingos de Morais, 2564, Vila Mariana, São Paulo
6703956	30	Sao Paulo	Super Grill	Shopping Morumbi - Piso Lazer, Avenida Roque Petroni Júnior, 1089, Santo Amaro, São Paulo

int ID ▾	Country Code ▾	City ▾	Restaurant Name ▾	Restaurant Address
17316233	216	Cedar Rapids	Winifreds	3847 1st Ave SE, Cedar Rapids, IA 52402
17315883	216	Cedar Rapids	Biaggi's Ristorante Italiano	320 Collins Rd NE, Cedar Rapids, IA 52402
17315995	216	Cedar Rapids	El Super Burrito	3300 Johnson Ave NW, Cedar Rapids, IA 52405
17316018	216	Cedar Rapids	Granite City Food & Brewery	4755 1st Ave SE, Cedar Rapids, IA 52402
17316038	216	Cedar Rapids	Irish Democrat	3207 1st Ave SE, Cedar Rapids, IA 52402
17316771	216	Cedar Rapids	Taste of India	1060 Old Marion Rd NE, Cedar Rapids, IA 52402
17316201	216	Cedar Rapids	Thai Moon Restaurant	4362 16th Ave SW, Cedar Rapids, IA 52404
17316208	216	Cedar Rapids	Ting's Red Lantern	540 Boyson Rd NE, Cedar Rapids, IA 52402
17316389	216	Cedar Rapids	Monica's	303 2nd Street, Coralville, IA 52241
17316278	216	Cedar Rapids	Exotic India	102 2nd Ave, Coralville, IA 52241
17316744	216	Cedar Rapids	Shorts Burger and Shine	18 S Clinton St, Iowa City, IA 52240
17316751	216	Cedar Rapids	The Hamburg Inn No. 2 Inc.	214 N Linn St, Iowa City, IA 52245
17316766	216	Cedar Rapids	Bluebird Diner	330 E Market St, Iowa City, IA 52245
17316743	216	Cedar Rapids	Graze	115 East College St, Iowa City, IA 52240
17316374	216	Cedar Rapids	A & A Pagliai's Pizza	302 E Bloomington St, Iowa City, IA 52245
17316381	216	Cedar Rapids	Atlas World Grill	127 Iowa Ave, Iowa City, IA 52240
17316802	216	Cedar Rapids	BlackStone	503 Westbury Dr Ste 1, Iowa City, IA 52245
17316416	216	Cedar Rapids	Devotay	117 N Linn St, Iowa City, IA 52245
17316449	216	Cedar Rapids	Jimmy Jack's Rib Shack	1940 Lower Muscatine Rd, Iowa City, IA 52240

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

▾	Restaurant Name ▾	Restaurant Address ▾
	Winifreds	3847 1st Ave SE, Cedar Rapids, IA 52402
	Biaggi's Ristorante Italiano	320 Collins Rd NE, Cedar Rapids, IA 52402
	El Super Burrito	3300 Johnson Ave NW, Cedar Rapids, IA 52405
	Granite City Food & Brewery	4755 1st Ave SE, Cedar Rapids, IA 52402
	Irish Democrat	3207 1st Ave SE, Cedar Rapids, IA 52402
	Taste of India	1060 Old Marion Rd NE, Cedar Rapids, IA 52402
	Thai Moon Restaurant	4362 16th Ave SW, Cedar Rapids, IA 52404
	Ting's Red Lantern	540 Boyson Rd NE, Cedar Rapids, IA 52402
	Monica's	303 2nd Street, Coralville, IA 52241
	Exotic India	102 2nd Ave, Coralville, IA 52241
	Shorts Burger and Shine	18 S Clinton St, Iowa City, IA 52240
	The Hamburg Inn No. 2 Inc.	214 N Linn St, Iowa City, IA 52245
	Bluebird Diner	330 E Market St, Iowa City, IA 52245
	Graze	115 East College St, Iowa City, IA 52240
	A & A Pagliai's Pizza	302 E Bloomington St, Iowa City, IA 52245
	Atlas World Grill	127 Iowa Ave, Iowa City, IA 52240
	BlackStone	503 Westbury Dr Ste 1, Iowa City, IA 52245
	Devotay	117 N Linn St, Iowa City, IA 52245
	Jimmy Jack's Rib Shack	1940 Lower Muscatine Rd, Iowa City, IA 52240
	Zoeys Pizzeria	690 10th St, Marion, IA 52302

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

Restaurant Name	Cuisines
Time2Eat - Mama Chicken	North Indian
Eat On	North Indian
Brothers Dhaba	North Indian
Brothers' Amritsari Dhaba	North Indian
Beera Chicken Corner	North Indian
Charming Chicken	North Indian
Surjit Food Plaza	North Indian
Kesar Da Dhabha	North Indian
Bubby Fish & Chicken Corner	North Indian
Bhoj Restaurant	North Indian
Naivedya	North Indian
Kebabsville - Sayaji Hotel	North Indian
Pal Dhaba	North Indian
Bombay Brasserie	North Indian
The Great Indian Pub	North Indian
Barbeque Nation	North Indian
Invitation	North Indian
Smugglers	North Indian
Punjab Restaurant	North Indian
Raju Dhaba	North Indian
Kashyap Vaishno Dhaba	North Indian

DAX Steps

1.

Structure Formatting Properties Sort Groups Relationships Calculations									
<div>1 Rating color = 2 IF([Aggregate rating] > 4.5, "Dark Green", 3 IF([Aggregate rating] >= 4.4, "Green", 4 IF([Aggregate rating] >= 4.3, "Light Green", 5 IF([Aggregate rating] >= 2.5, "Yellow", 6 "Red"))))</div>									
Average Cost for two	Currency	Has Table booking	Has Online delivery	Price range	Aggregate rating	Rating text	Votes	Rating color	
30 Pounds(££)		Yes	No	2	4.1	Very Good	310	Yellow	
100 Pounds(££)		Yes	No	4	4.4	Very Good	311	Green	
30 Pounds(££)		No	No	2	4.1	Very Good	473	Yellow	
50 Pounds(££)		No	No	3	4.3	Very Good	271	Light Green	
85 Pounds(££)		No	No	4	4	Very Good	52	Yellow	
55 Pounds(££)		No	No	3	4.4	Very Good	704	Green	
70 Pounds(££)		Yes	No	4	4.3	Very Good	422	Light Green	
40 Pounds(££)		No	No	3	4	Very Good	86	Yellow	
30 Pounds(££)		No	No	2	4.1	Very Good	82	Yellow	
45 Pounds(££)		No	No	3	4.1	Very Good	98	Yellow	
30 Pounds(££)		No	No	2	4.2	Very Good	383	Yellow	
25 Pounds(££)		No	No	2	4.3	Very Good	745	Light Green	
55 Pounds(££)		Yes	No	3	4.2	Very Good	67	Yellow	
160 Pounds(££)		No	No	4	4.3	Very Good	114	Light Green	
40 NewZealand(\$)		No	No	2	4.3	Very Good	133	Light Green	
65 NewZealand(\$)		No	No	3	4.1	Very Good	431	Yellow	

2.

A

Structure Formatting Properties Sort Groups Relationships Calculations									
<div>1 Restaurant Count = COUNTROWS('Cuisines by Restaurant')</div>									
Restaurant Name	Cuisines								
Time2Eat - Mama Chicken	North Indian								
Eat On	North Indian								
Brothers Dhaba	North Indian								
Brothers' Amritsari Dhaba	North Indian								
Beera Chicken Corner	North Indian								
Charming Chicken	North Indian								
Surjit Food Plaza	North Indian								
Kesar Da Dhabha	North Indian								

B

Structure Formatting Properties Sort Groups Relationships Calculations									
<div>1 Average Cost = AVERAGE('KPIs'[Average Cost for two])</div>									
Restaurant ID	Average Cost for two	Currency	Has Table booking	Has Online delivery	Price range	Aggregate rating	Rating text	Votes	
18433852	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18465871	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18471268	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18472429	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18471296	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18466420	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18464607	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18464631	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18433879	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18480389	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		
18446428	300	Indian Rupees(Rs.)	No	No	1	0	Not rated		

C

1 Average Rating = AVERAGE('KPIs'[Aggregate rating])									Data
Restaurant ID	Average Cost for two	Currency	Has Table booking	Has Online delivery	Price range	Aggregate rating	Rating text	Votes	
18413250	1650	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Search
310342	1550	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		Append1
4096	1200	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Country Master
308257	1300	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		Cuisines by Restaurant
301131	1600	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		KPIs
308463	1800	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Aggregate rating
3782	1900	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		Average Cost
18322937	1000	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Average Cost for two
3406	1200	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		Average Rating
3425	2000	Indian Rupees(Rs.)	Yes	No	4	3.8	Good		Currency
3937	4500	Indian Rupees(Rs.)	Yes	No	4	3.8	Good		Has Online delivery
4924	1000	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Has Table booking
7509	1200	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Price range
18204820	1400	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Rating color
4568	2000	Indian Rupees(Rs.)	Yes	Yes	4	3.8	Good		Rating text
803	1700	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		Restaurant ID
18358681	1200	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Votes
18418237	1500	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		Zomato Africa
18198459	1900	Indian Rupees(Rs.)	Yes	No	3	3.8	Good		
312482	1650	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		
310768	1350	Indian Rupees(Rs.)	Yes	Yes	3	3.8	Good		

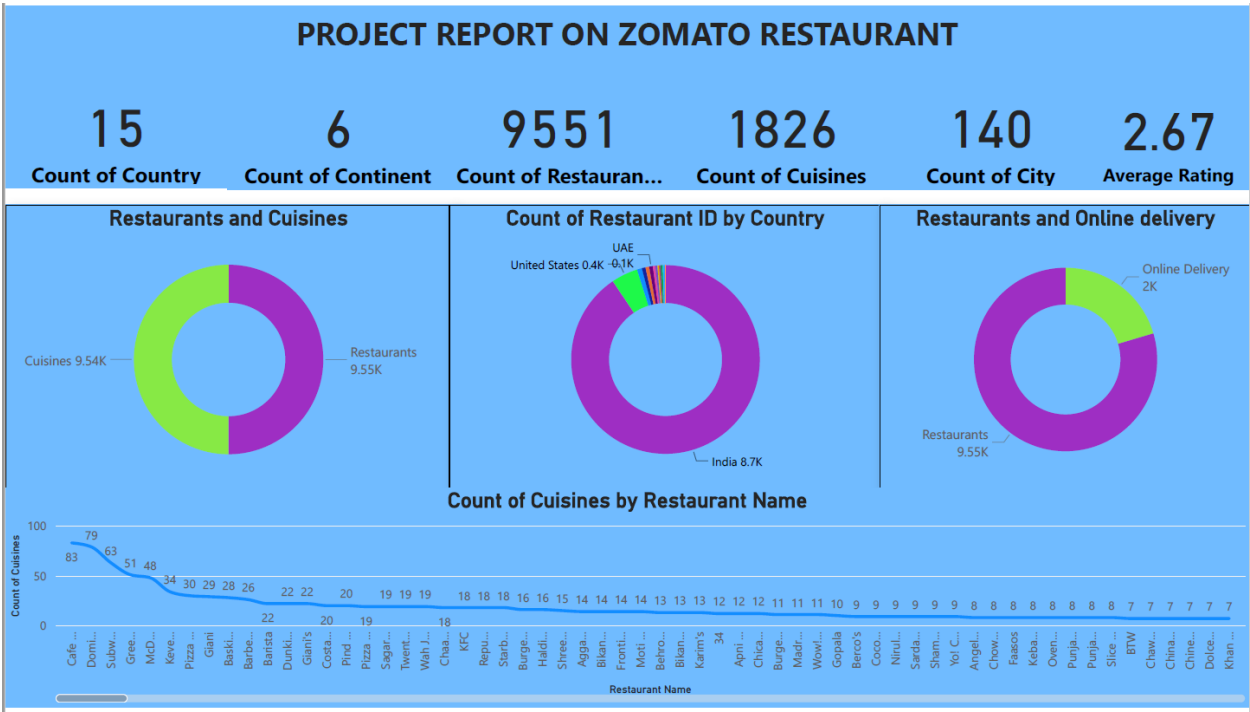
e: KPIs (9,551 rows) Column: Average Rating (0 distinct values)

D

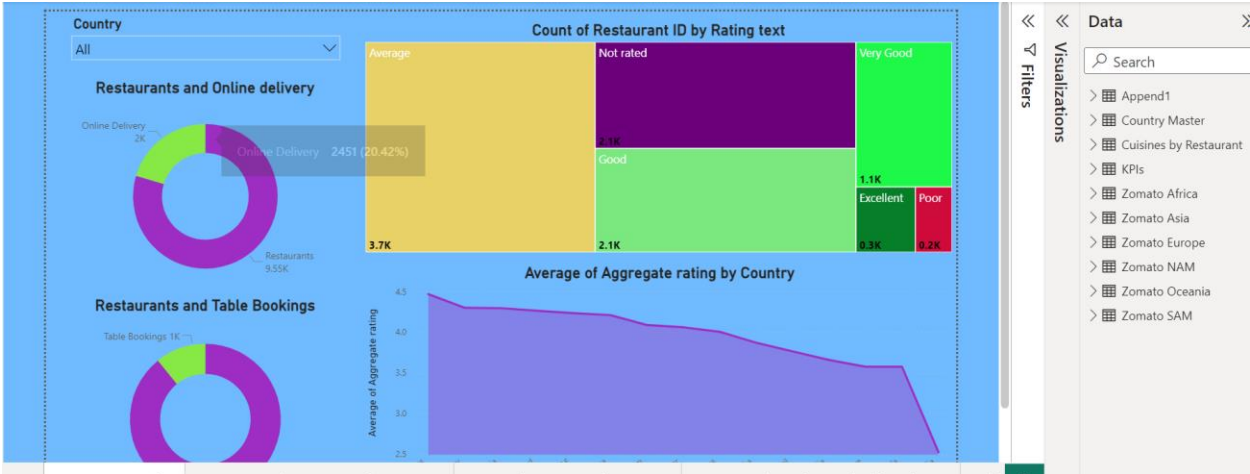
1 cuisine count = DISTINCTCOUNT([Cuisines])			Data
Restaurant Name	Cuisines		Search
Time2Eat - Mama Chicken	North Indian		Append1
Eat On	North Indian		Country Master
Brothers Dhaba	North Indian		Cuisines by Restaurant
Brothers' Amritsari Dhaba	North Indian		Cuisine count
Beera Chicken Corner	North Indian		
Charming Chicken	North Indian		

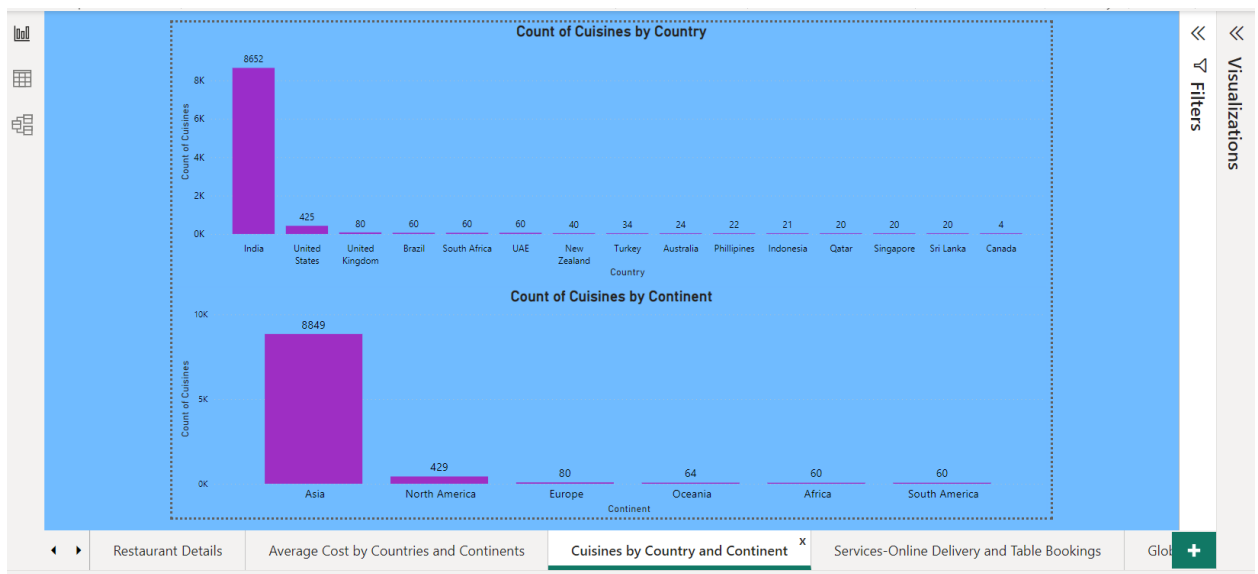
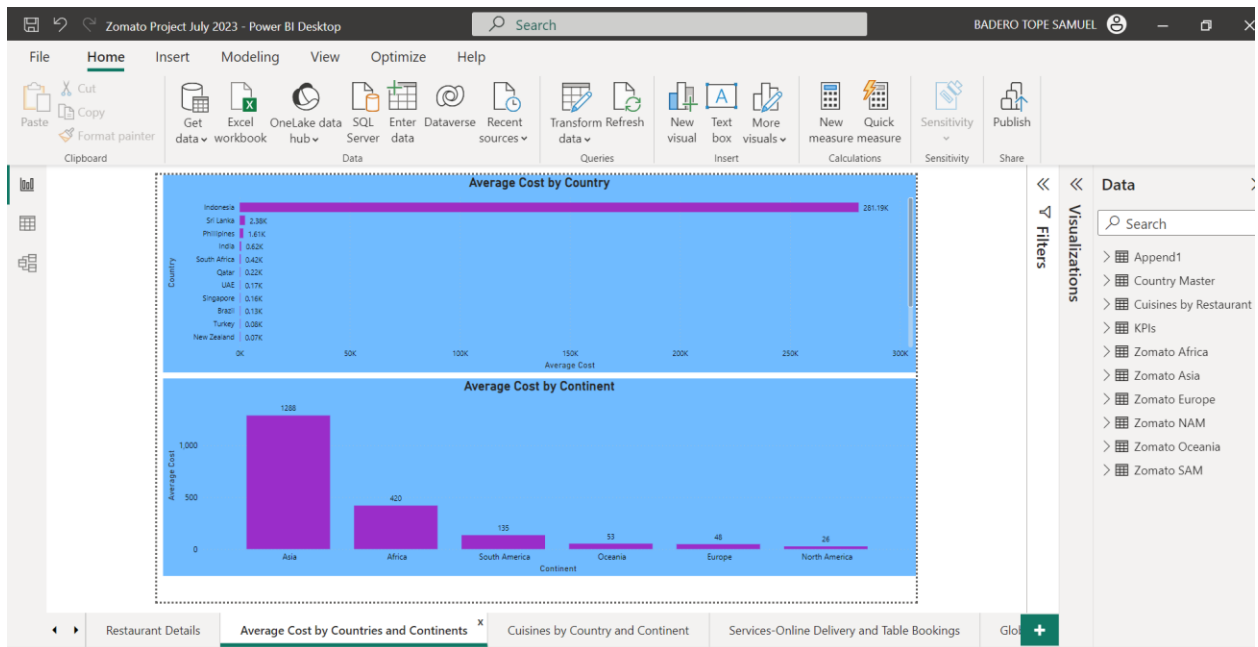
DASHBOARD

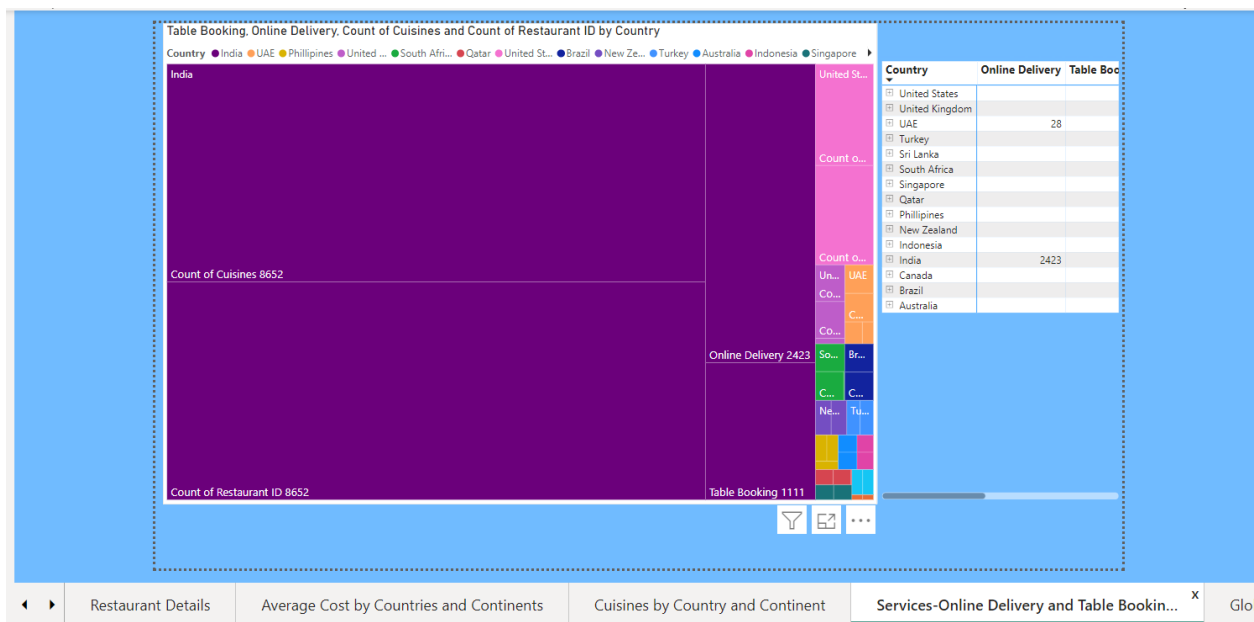
OVERVIEW



RESTAURANT DETAILS

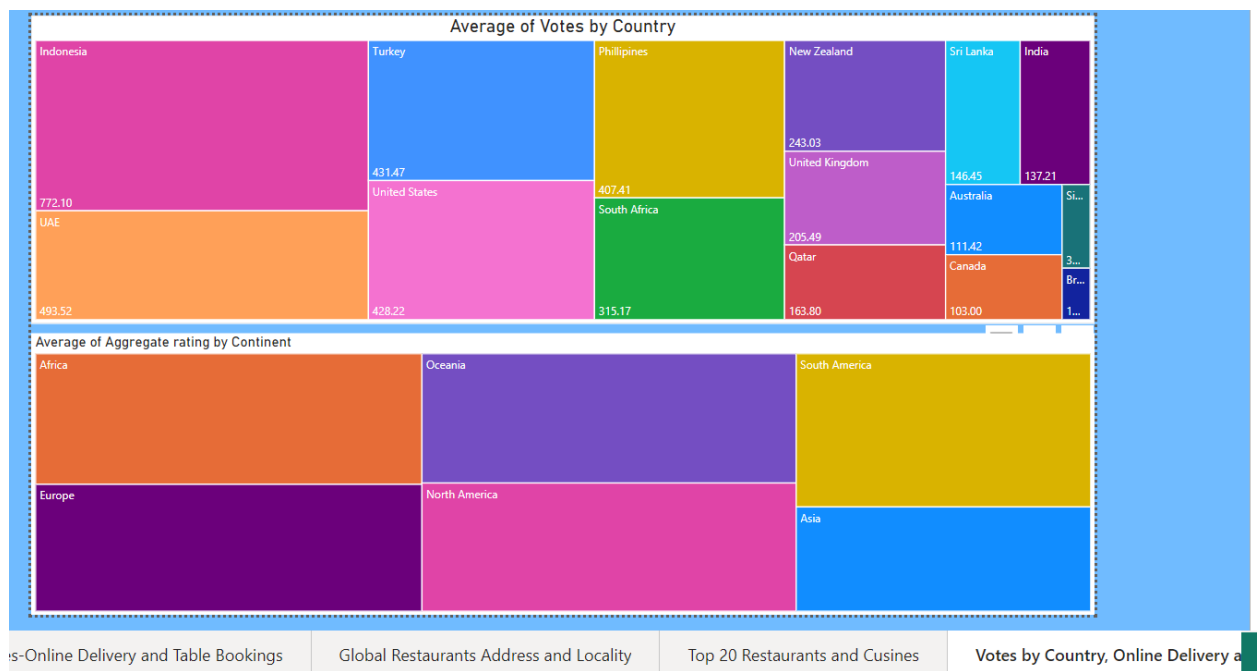
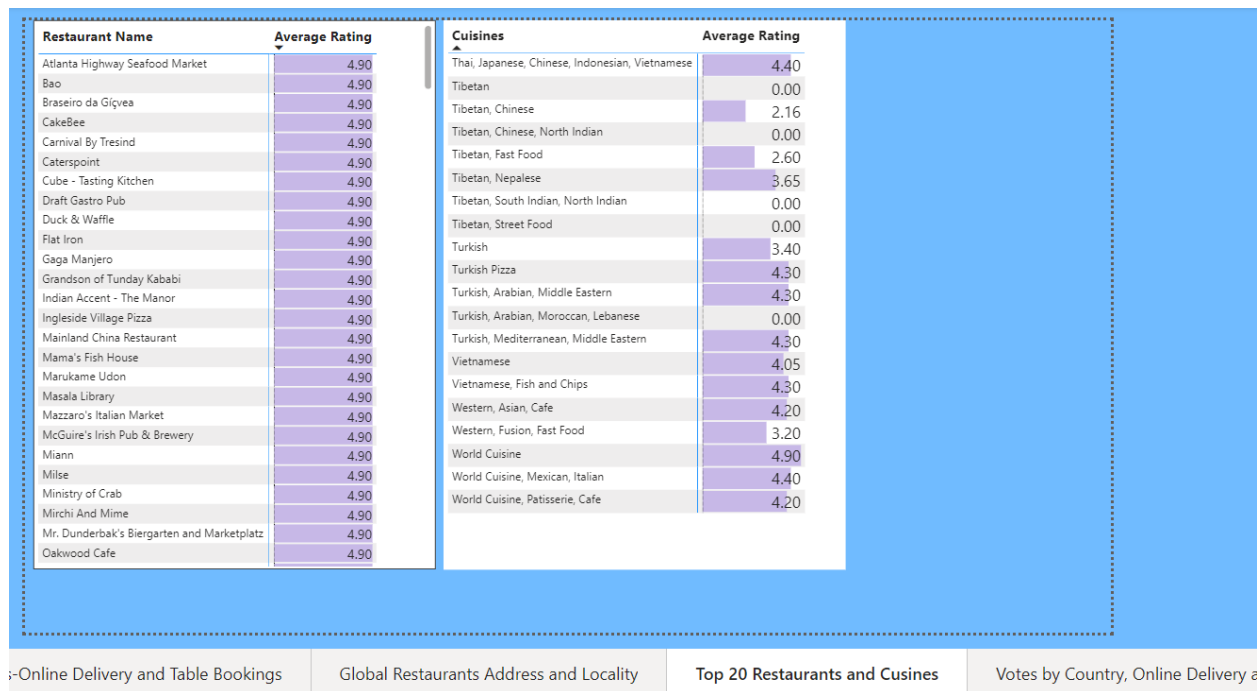


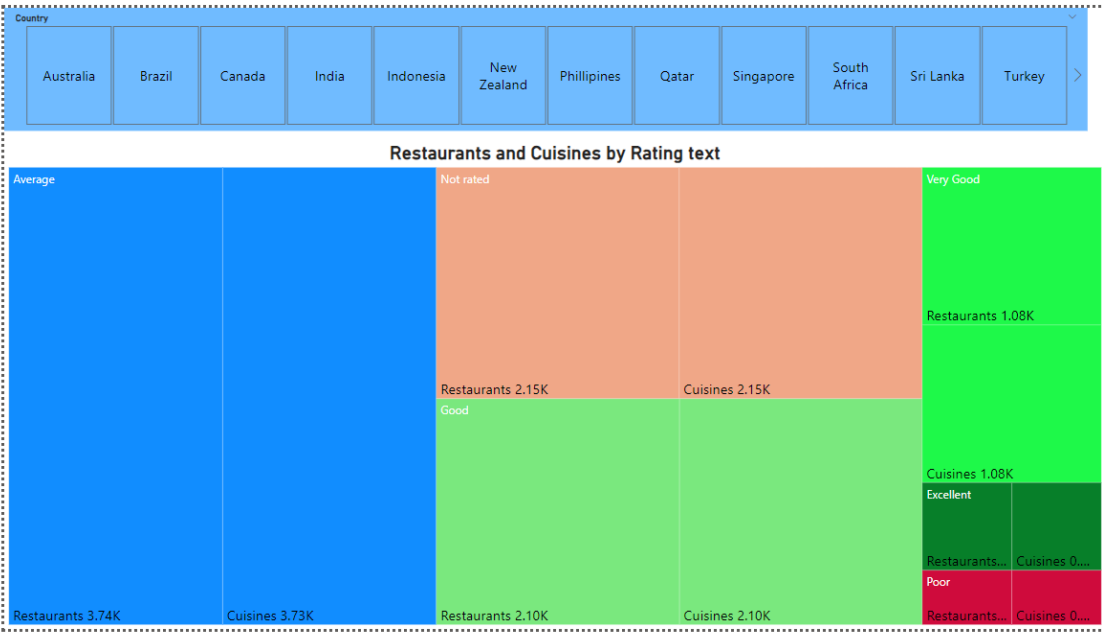




Global Restaurants Address, Locality and other details			
Country	Count of Restaurant ID	First Restaurant Address	First Locality Verbose
Australia	24	115 Main Rd, Hepburn Springs, Hepburn Springs, VIC	Armidale, Armidale
Brazil	60	Alameda Lorena, 300, Jardim Paulista, Sio Paulo	Asa Norte, Brasilia
Canada	4	14 Second Ave North, Yorkton, SK S3N 1G1	Chatham-Kent, Chatham-Kent
India	8652	Bakers & More,Asian Institute of Medical Sciences, Badkal Flyover, Sector 21 A, Sector 21, Faridabad	ILD Trade Centre Mall, Sohna Road
Indonesia	21	Alam Sutera Town Center, Jl. Alam Utama, Serpong, Tangerang	Alam Sutera Town Center, Serpong
New Zealand	40	1 Rocklands Avenue, Balmoral, Auckland	Balmoral, Auckland
Philippines	22	17 J. Abad Santos Drive, Little Baguio, San Juan City	Addition Hills, San Juan City
Qatar	20	1st Floor, Barwa Towers, Suhaim Bin Hamad Street, Al Sadd, Doha	Ain Khalid, Doha
Singapore	20	10 Bayfront Avenue, 57 Marina Bay Sands 018956	Bayfront Avenue, Downtown Core
South Africa	60	1 Fox Street, Marshalltown, Inner City, Johannesburg	Athlone, Cape Town
Sri Lanka	20	1, Vellons Passage, Slave Island, Colombo 02	Bambalapitiya, Colombo 04, Colombo
Turkey	34	Armada AVM, Kat -1, EskiDöehir Yolu, No 6, Yenimahalle, Ankara	Armada AVM, Sıltı, Yenimahalle, Ankara
UAE	60	6th Floor, World Trade Centre Mall, Al Markaziya, Abu Dhabi	Abu Dhabi Mall, Tourist Club Area
United Kingdom	80	1 Canal Square, Brindleyplace, Birmingham B16 8EH	Albemarle Street, Mayfair, London
United States	434	Grill & Bar,793 Middle Rd, Bettendorf, IA 52722	Albany, Albany

Services-Online Delivery and Table Bookings Global Restaurants Address and Locality x Top 20 Restaurants and Cusines Votes by Country, Online Delivery and Table Bookings



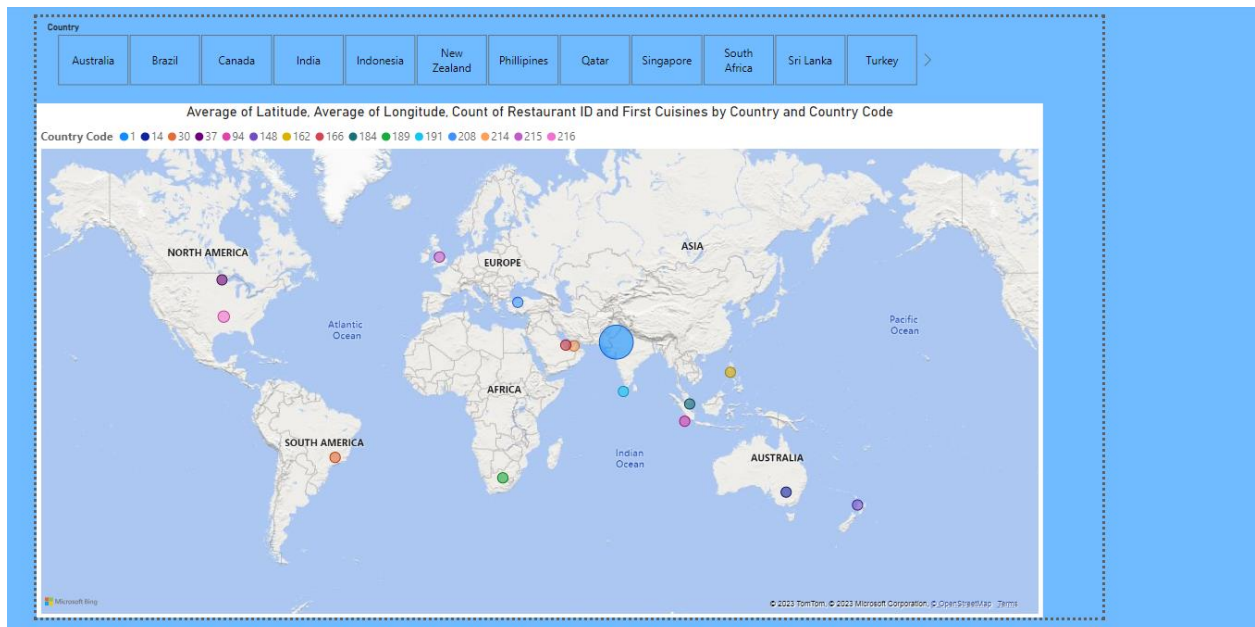


Restaurants and Cuisines

Votes by Country, Online Delivery and Table...

Restaurants and Cuisines by Rating text

World Map by Country and Details



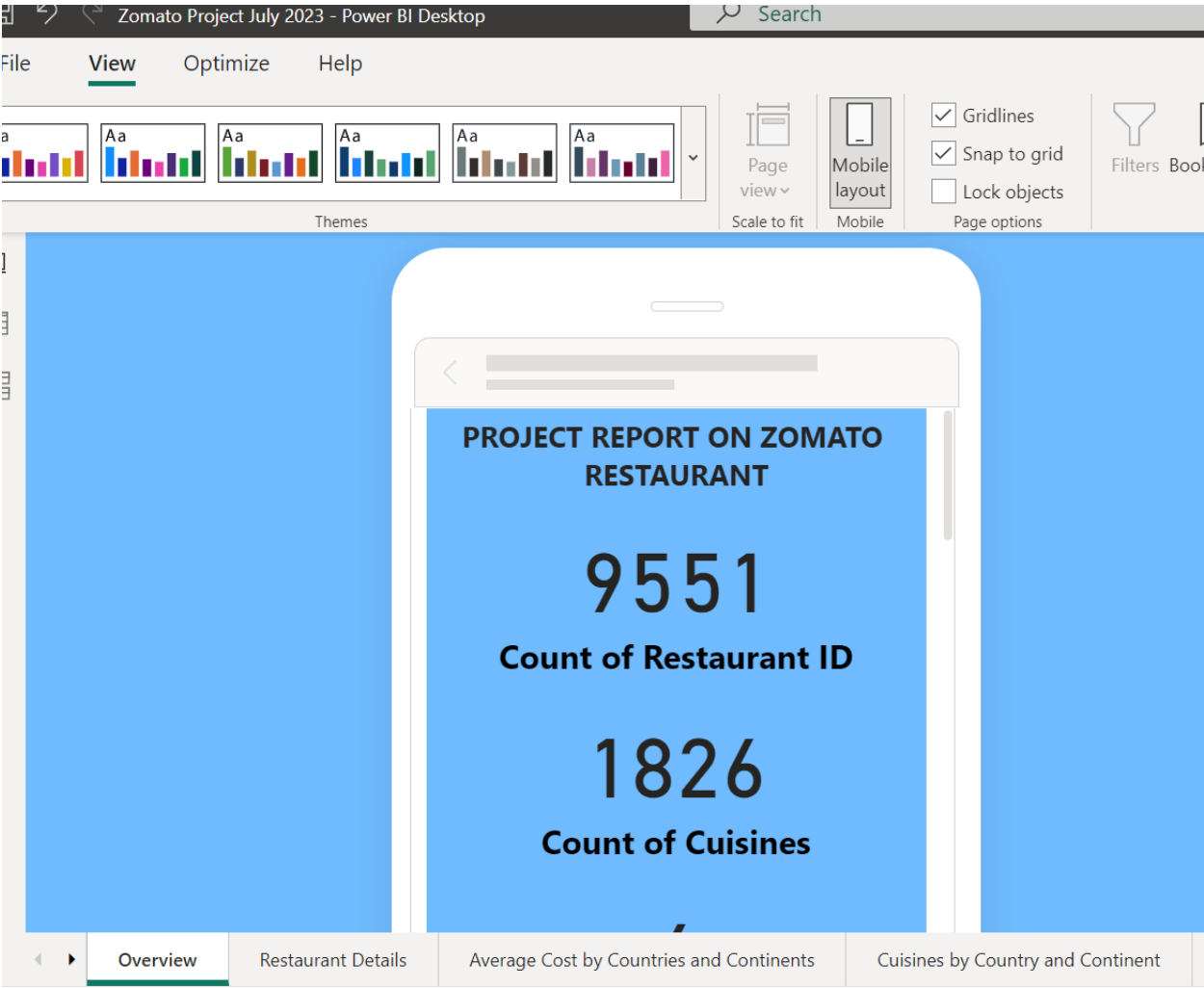
Restaurants and Cuisines

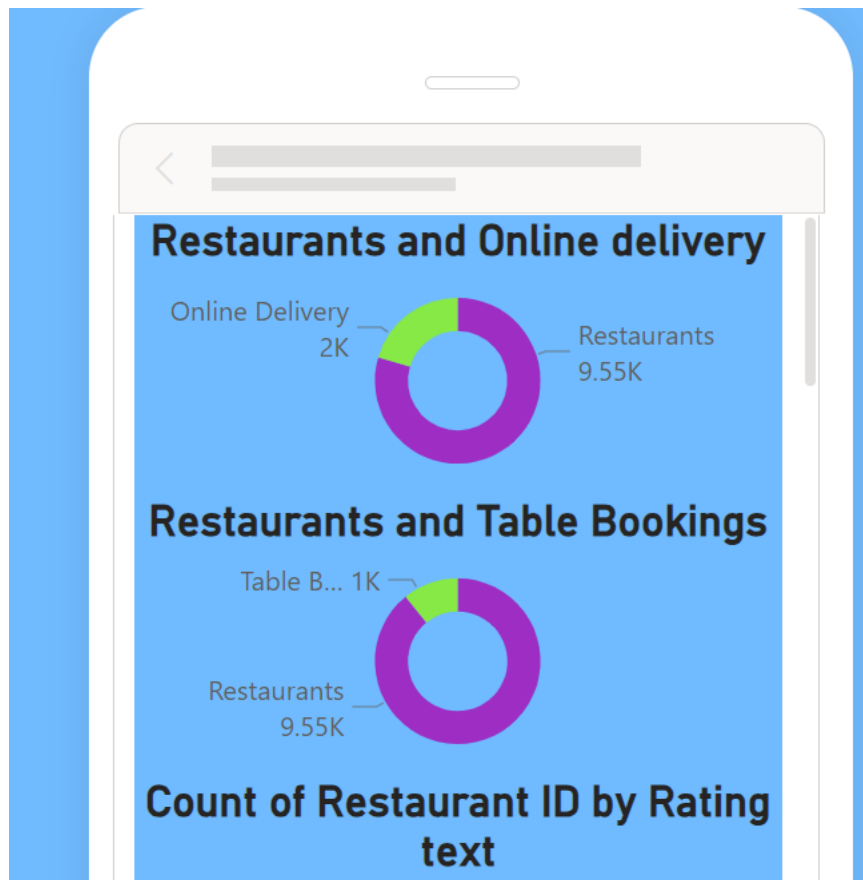
Votes by Country, Online Delivery and Table...

Restaurants and Cuisines by Rating text

World Map by Country and Details

MOBILE VIEW





3.

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fx

= Table.AddColumn(#"Changed Type1", "Continent", each if [Country Code] = 1 then "Asia" else if [Country Code] = 94 then "Asia" else if [Country Code] = 191 then "Asia" else if [Country Code] = 214 then "Asia" else if [Country Code] = 166 then "Asia" else if [Country Code] = 162 then "Asia" else if [Country Code] = 184 then "Asia" else if [Country Code] = 208 then "Asia" else if [Country Code] = 37 then "North America" else if [Country Code] = 216 then "North America" else if [Country Code] = 30 then "South America" else if [Country Code] = 14 then "Oceania" else if [Country Code] = 189 then "Africa" else if [Country Code] = 215 then "Europe" else if [Country Code] = 166 then "Asia" else if [Country Code] = 166 then "Asia" else if [Country Code] = 37 then "North America" else if [Country Code] = 148 then "Oceania" else if [Country Code] = 184 then "Asia"