

K MAVUNDLA (KHETHAMAVUNDLA@GMAIL.COM)

PowerBI - Project 1

Zomato Analysis Restaurants

Screenshot of Code

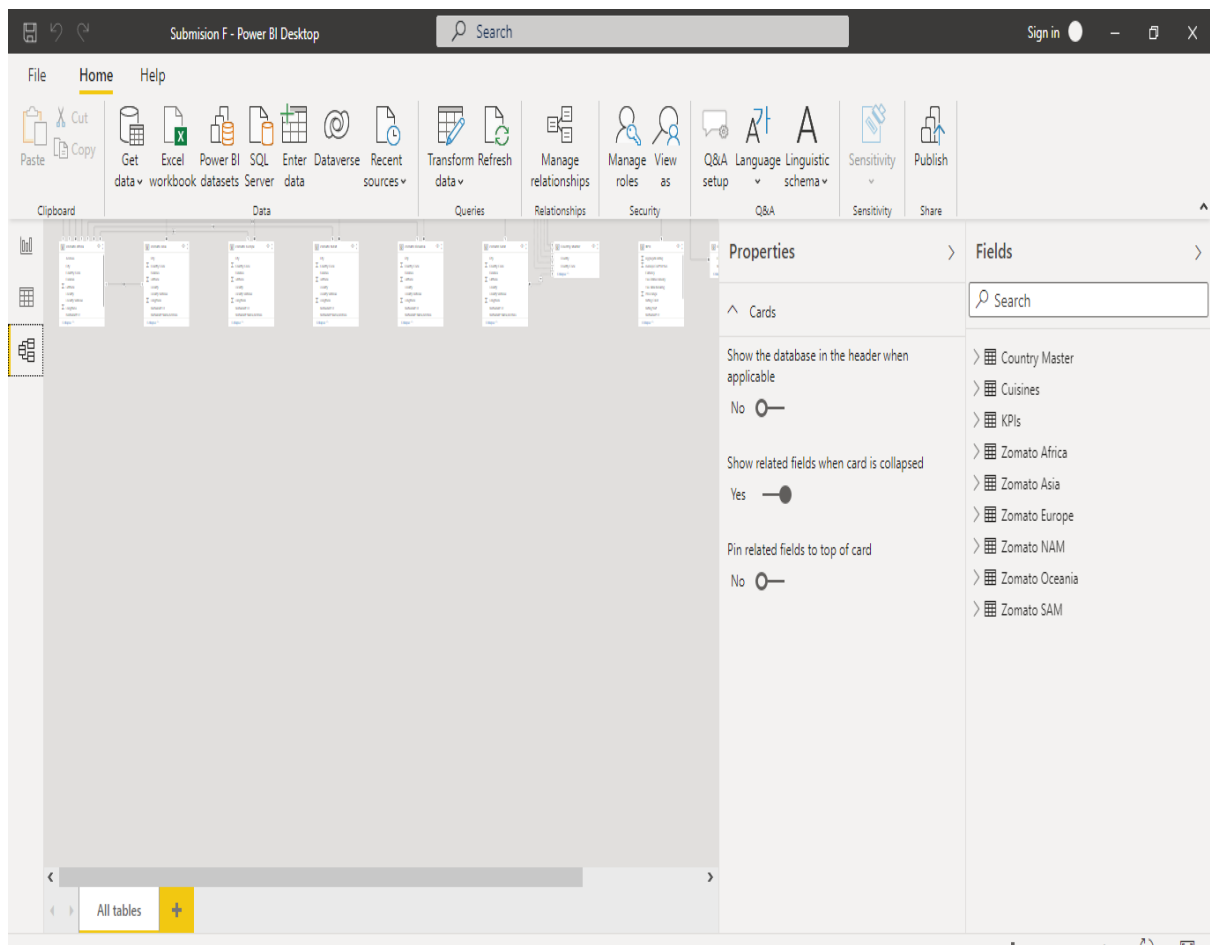


Table relationships

Submission F - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Whole Number Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Text Analytics Vision Azure Machine Learning

Queries [9] Zomato Africa Zomato Asia Zomato Europe Zomato NAM Zomato Oceania Zomato SAM Country Master KPIs Cuisines

fx = Table.RenameColumns(#"Extracted Text After Delimiter",{{"Restaurant Name,Address - Copy", "Address"}})

	123 Restaurant ID	123 Country Code	A0 City	A0 Restaurant Name	A0 Locality
1	18395463	189	Cape Town	The Butcher's Wife	Athlone
2	18337845	189	Cape Town	Coco Safar	Cavendish Square, Claremont
3	6401732	189	Cape Town	La Parada	CBD
4	6401060	189	Cape Town	Jason Bakery	CBD
5	6400421	189	Cape Town	Truth Coffee	CBD
6	6402177	189	Cape Town	Salushi	Claremont
7	6401198	189	Cape Town	Origin Coffee Roasting	De Waterkant
8	6401054	189	Cape Town	Kloof Street House	Gardens
9	6403291	189	Cape Town	Jerry's Burger Bar	Gardens
10	6403499	189	Cape Town	Active Sushi	Green Point
11	6400191	189	Cape Town	Beluga	Green Point
12	6404082	189	Cape Town	Rocomamas	Green Point
13	6401485	189	Cape Town	The Creamery	Newlands
14	6400621	189	Cape Town	Nobu - One&Only	One and Only Hotel, V & A Waterfront
15	6403544	189	Cape Town	Jarryds	Sea Point
16	6403452	189	Cape Town	My Sugar	Sea Point
17	6402163	189	Cape Town	Grand Caff@ & Beach	V & A Waterfront
18	6401789	189	Cape Town	tashas	V & A Waterfront
19	6400235	189	Cape Town	Gibson's Gourmet Burgers & Ribs	Victoria Wharf, V & A Waterfront
20					

10 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 03:54

Query Settings

PROPERTIES

Name Zomato Africa

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

Appended Query

Replaced Value

Replaced Value1

Replaced Value2

Replaced Value3

Duplicated Column

Extracted Text Before Delimiter

Renamed Columns

Extracted Text After Delimiter

Renamed Columns1

Submission F - Power Query Editor

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Queries [9] Zomato Africa Zomato Asia Zomato Europe Zomato NAM Zomato Oceania Zomato SAM Country Master KPIs Cuisines

fx = Table.TransformColumnTypes(#"Promoted Headers",{{"Restaurant ID", Int64.Type}, {"Country Code", Int64.Type}, {"City", type text}, {"Restaurant Name,Address", type text}, {"Locality", type text}, {"Locality Verbose", type text}, {"Longitude", type number}, {"Latitude", type number}, {"Cuisines", type text}})

	123 Restaurant ID	123 Country Code	A0 City	A0 Restaurant Name,Address	A0 Loc
1	6317637	162	Makati City	Le Petit Souffle,Third Floor, Century City Mall, Kalayaan Avenue, Poblacion	Cent
2	6304287	162	Makati City	Izakaya Kikufuji,Little Tokyo, 2277 Chino Rocas Avenue, Legaspi Village...	Little
3	6300002	162	Mandaluyong City	Heat - Edsa Shangri-La,Edsa Shangri-La, 1 Garden Way, Ortigas, Mandal...	Edsa
4	6318506	162	Mandaluyong City	Ooma,Third Floor, Mega Fashion Hall, SM Megamall, Ortigas, Mandal...	SM I
5	6314302	162	Mandaluyong City	Sambo Kojin,Third Floor, Mega Atrium, SM Megamall, Ortigas, Mandal...	SM I
6	18189371	162	Mandaluyong City	Din Tai Fung,Ground Floor, Mega Fashion Hall, SM Megamall, Ortigas...	SM I
7	6300781	162	Passay City	Buffet 101,Building K, SM By The Bay, Sunset Boulevard, Mall of Asia C...	SM I
8	6301290	162	Passay City	Vikings,Building B, By The Bay, Seaside Boulevard, Mall of Asia Comple...	SM I
9	6300010	162	Passay City	Spiral - Sofitel Philippine Plaza Manila,Plaza Level, Sofitel Philippine Pla...	Soft
10	6314987	162	Passig City	Locavore,Brixton Technology Center, 10 Brixton Street, Kapitolyo, Passi...	Kapi
11	6309903	162	Passig City	Silantro Fil-Mex,75 East Capitol Drive, Kapitolyo, Passig City	Kapi
12	6309455	162	Passig City	Mad Mark's Creamery & Good Eats,23 East Capitol Drive, Kapitolyo, Pa...	Kapi
13	6318433	162	Quezon City	Silantro Fil-Mex,Second Floor, UP Town Center, Katipunan Avenue, Dili...	UP T
14	6310470	162	San Juan City	Guevarra's,387 P. Guevarra Corner Argonne Street, Addition Hills, San J...	Addi
15	6314605	162	San Juan City	Sodam Korean Restaurant,17 J. Abad Santos Drive, Little Baguio, San J...	Little
16	18185059	162	Santa Rosa	Cafe Arabelle,Ayala Mall, Solenad, Nuvali, Santa Rosa - Tagaytay Road...	Nuvali
17	18182702	162	Santa Rosa	Nonna's Pasta & Pizzeria,Ground Floor, Building G, Solenad 3, Nuvali...	Sole
18	6318213	162	Tagaytay City	Balay Deko,Aguinaldo Highway, Tagaytay City	Taga
19	18255654	162	Taguig City	Hobing Korean Dessert Cafe,Third Floor, BGC Stopover Pavillion, Rizal ...	BGC
20					

9 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 03:59

Query Settings

PROPERTIES

Name Zomato Asia

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

Submission F - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Whole Number Merge Queries Append Queries Text Analytics Combine Files Azure Machine Learning

Queries [9]

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

fx = Table.TransformColumnTypes(#"Promoted Headers",{"Restaurant ID", Int64.Type}, {"Country Code", Int64.Type}, {"City", type text}, {"Restaurant Name,Address", type text}, {"Locality", type text}, {"Locality Verbose", type text}, {"Longitude", type number}, {"Latitude", type number}, {"Cuisines", type text})

	Restaurant ID	Country Code	City	Restaurant Name,Address	Loc
1	6900714	215	Birmingham	Pepe's Piri Piri,254-256 Alum Rock Road, Alum Rock, Birmingham B8 3...	Alun
2	6900883	215	Birmingham	Ju Ju's Cafe,1 Canal Square, Brindleyplace, Birmingham B16 8EH	Brin
3	6900374	215	Birmingham	Bank,4 Brindleyplace, Brindleyplace, Birmingham B1 2JB	Brin
4	6900224	215	Birmingham	Chaophraya,Middle Mall, Bullring Shopping Centre, Special street, Bull...	Bulr
5	6900160	215	Birmingham	Handmade Burger Co.,Unit 3, St Martin Square, Bullring Shopping Cent...	Bulr
6	6900050	215	Birmingham	Jamie's Italian,Middle Mall, Bullring Shopping Centre, Bullring, Birm...	Bulr
7	6900724	215	Birmingham	Bodega,12 Bennetts Hill, City Centre, Birmingham B2 5RS	City
8	6901081	215	Birmingham	San Carlo,4 Temple Street, City Centre, Birmingham B2 5BN	City
9	6900674	215	Birmingham	Purnell's,55 Cornwall Street, Colmore Business District, Birmingham B...	Colm
10	6901062	215	Birmingham	The Warehouse Cafe,54-57 Allison Street, Digbeth, Birmingham B5 5TH	Digb
11	6900669	215	Birmingham	Fiesta del Asado,229 Hagley Road, Edgbaston, Birmingham B16 9RP	Edgt
12	6900811	215	Birmingham	Istanbul Restaurant,2 Stockwell Road, Handsworth, Birmingham B21 9RU	Han
13	6901051	215	Birmingham	The Plough,21 High Street, Harborne, Birmingham B17 9NT	Harb
14	6900388	215	Birmingham	Lasan Restaurant,3-4 Dakota Buildings, James Street, Saint Paul's Squa...	Jew
15	18273002	215	Birmingham	Damascena Coffee House,133 Alcester Road, Moseley, Birmingham	Mos
16	6901231	215	Birmingham	Tipu Sultan,43 Alcester Road, Moseley, Birmingham B13 BAA	Mos
17	6901394	215	Birmingham	Jamjar,418 Coventry Road, Small Heath, Birmingham B10 0TH	Sma
18	6900843	215	Birmingham	Chennai Dosa,445-447, Dudley Road, Birmingham, Smethwick, Birm...	Sme
19	6900992	215	Birmingham	Mughal E Azam,Stratford Road, Sparkhill, Birmingham B11 4DA	Spar
20					

9 COLUMNS, 80 ROWS Column profiling based on top 1000 rows

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Submission F - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Whole Number Merge Queries Append Queries Text Analytics Combine Files Azure Machine Learning

Queries [9]

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

fx = Table.SelectRows(#"Removed Duplicates", each [Country] <> null and [Country] <> "")

	Country Code	Country
1	94	Indonesia
2	191	Sri Lanka
3	214	UAE
4	1	India
5	30	Brazil
6	14	Australia
7	208	Turkey
8	189	South Africa
9	216	United States
10	215	United Kingdom
11	162	Philippines
12	166	Qatar
13	37	Canada
14	148	New Zealand
15	184	Singapore

2 COLUMNS, 15 ROWS Column profiling based on top 1000 rows

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Submission F - Power BI Desktop

Search

File Home Help

Name Zomato Africa

Table tools

Structure

Mark as date table

Manage relationships

New measure

Quick measure

New column

New table

Calendars

Relationships

Calculations

Fields

Search

Country Master

Cuisines

Cuisines

Restaurant ID

KPIs

Zomato Africa

Zomato Asia

Zomato Europe

Zomato NAM

Zomato Oceania

Zomato SAM

Restaurant ID	Country Code	City	Restaurant Name	Locality	Locality Verbose	Longitude	Latitude
306531	1	New Delhi	PM 2 AM Food Bank	Alaknanda	Alaknanda, New Delhi	77,25118	28,52757
18354658	1	New Delhi	Punjabi Chaap Corner	Alaknanda	Alaknanda, New Delhi	77,2542022	28,533376
18311953	1	New Delhi	Lemon Chick	Alaknanda	Alaknanda, New Delhi	77,2546954	28,525267
18489513	1	New Delhi	Tandoori Kebab	Alaknanda	Alaknanda, New Delhi	77,248174	28,526931
3326	1	New Delhi	The Mirch Masala	Ashok Vihar Phase 1	Ashok Vihar Phase 1, New Delhi	77,1736345	28,6873066
18457050	1	New Delhi	Puran Dhaba	Ashok Vihar Phase 1	Ashok Vihar Phase 1, New Delhi	77,1724663	28,6802986
18375413	1	New Delhi	Rama Desi Ghee Meat Wala	Ashok Vihar Phase 1	Ashok Vihar Phase 1, New Delhi	0	0
6574	1	New Delhi	Pandit Ji Paranthhe Wale	Ashok Vihar Phase 2	Ashok Vihar Phase 2, New Delhi	77,1799506	28,6965655
1192	1	New Delhi	Apni Rasoi	Ashok Vihar Phase 3	Ashok Vihar Phase 3, New Delhi	77,177678	28,6923511
18400739	1	New Delhi	Balaji Dhaba	Barakhamba Road	Barakhamba Road, New Delhi	77,2297102	28,6302526
304211	1	New Delhi	High Street Kitchen & Bar	Basant Lok Market, Vasant Vihar	Basant Lok Market, Vasant Vihar, New Delhi	77,16416739	28,55803178
6394	1	New Delhi	Punjabi Tadka	Bhikaji Cama Place	Bhikaji Cama Place, New Delhi	77,1883704	28,5680386
6079	1	New Delhi	Break Fast Point	Chander Nagar	Chander Nagar, New Delhi	77,2820446	28,6555014
6117	1	New Delhi	Breakfast Corner	Chander Nagar	Chander Nagar, New Delhi	77,2822063	28,655449
302490	1	New Delhi	Valisno Punjabi Dhaba	Chander Nagar	Chander Nagar, New Delhi	77,2822247	28,6512423
304697	1	New Delhi	Adarsh Bhojnalaya	Chandni Chowk	Chandni Chowk, New Delhi	77,224214	28,6564057
5459	1	New Delhi	Babu Ram Paranthhe Wale	Chandni Chowk	Chandni Chowk, New Delhi	77,2304115	28,6560115
5468	1	New Delhi	Brijwasi Bhoj	Chandni Chowk	Chandni Chowk, New Delhi	77,2243841	28,6568732
308008	1	New Delhi	Inderpuri Restaurant	Chandni Chowk	Chandni Chowk, New Delhi	77,2231981	28,6578654
306380	1	New Delhi	Khalsa Hindu Hotel	Chandni Chowk	Chandni Chowk, New Delhi	77,2234955	28,658756
5466	1	New Delhi	Pt. Babu Ram Devi Dayal Paranthhe Wale	Chandni Chowk	Chandni Chowk, New Delhi	77,2307138	28,6560495
5460	1	New Delhi	Sharma Bhojnalay	Chandni Chowk	Chandni Chowk, New Delhi	77,2306151	28,6559026

Table: Zomato Africa (9,551 rows)

Submission F - Power BI Desktop

Search

File Home Help

Clipboard

Get data

Excel

Power BI

SQL

Enter data

Data

Datawarehouse

Recent sources

Transform data

Refresh data

Queries

Manage relationships

Manage roles

View as

Q&A setup

Language

Linguistic schema

Q&A

Sensitivity

Sensitivity

Share

Properties

Cards

Show the database in the header when applicable

No

Show related fields when card is collapsed

Yes

Pin related fields to top of card

No

Fields

Search

Country Master

Cuisines

KPIs

Zomato Africa

Zomato Asia

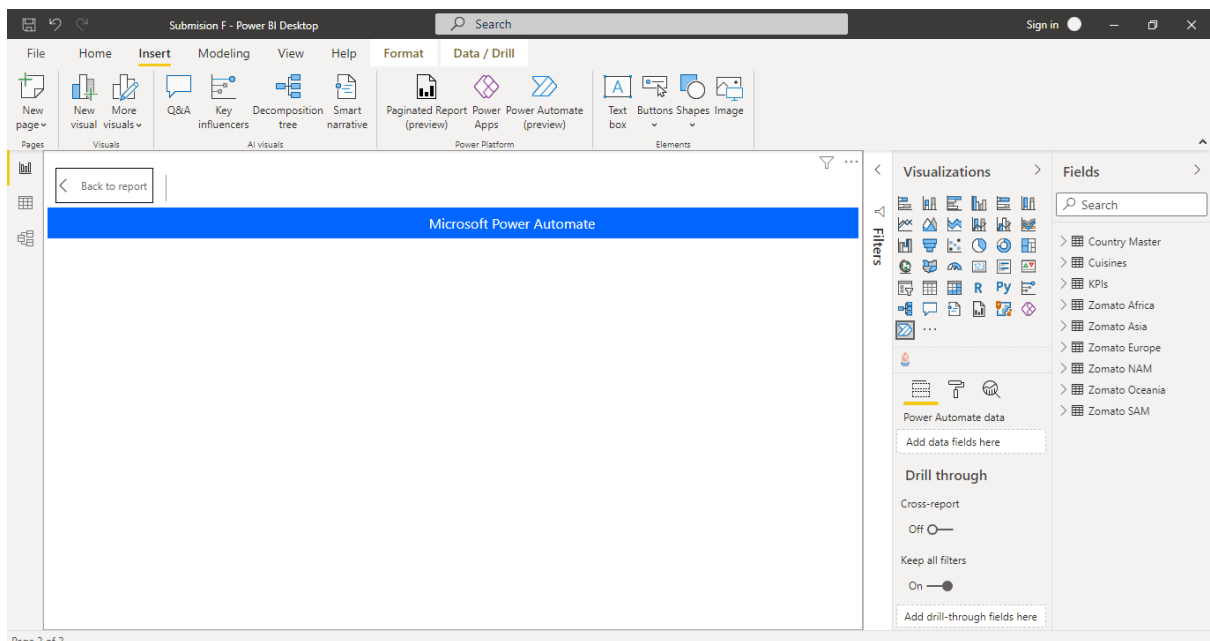
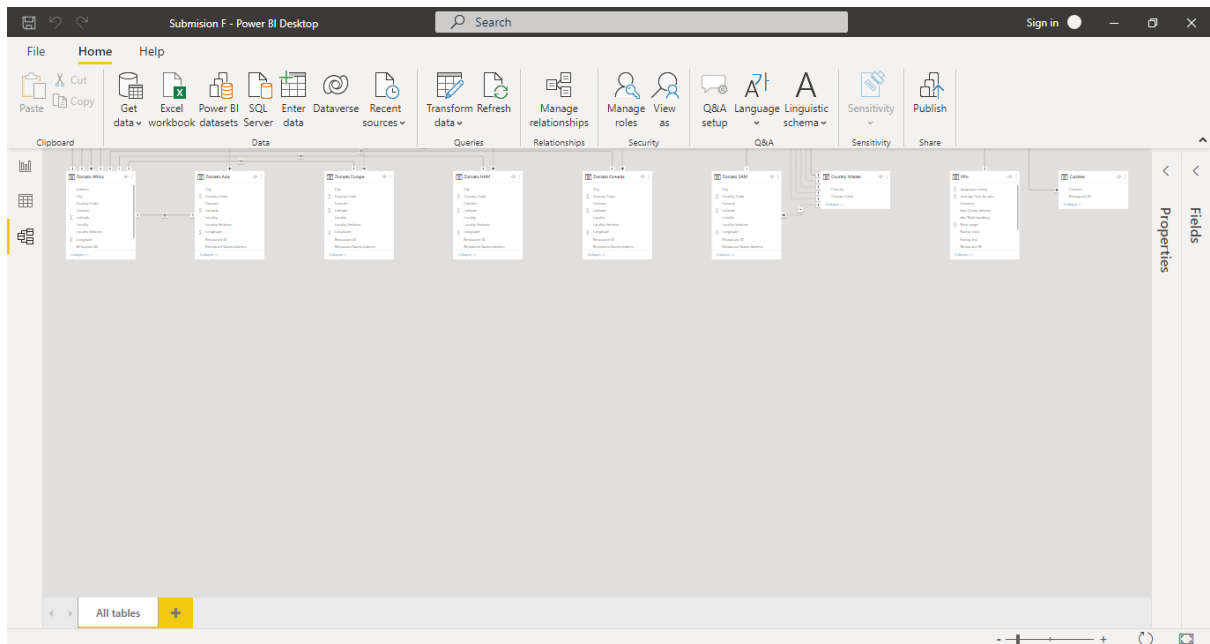
Zomato Europe

Zomato NAM

Zomato Oceania

Zomato SAM

All tables



SCREENSHOT OF THE SCREENS/VIEW

