1. **CREATING DATABASE:**

DROP TABLE IF EXISTS swiggy\_db;

CREATE TABLE swiggy\_db (

Name VARCHAR(100),

Cuisine VARCHAR(200),

Location VARCHAR(200),

rating FLOAT,

num\_of\_rating INT,

price INT );

1. **OVERVIEW:**

SELECT \* FROM swiggy\_db;

SELECT COUNT(\*) FROM swiggy\_db;



1. **KPI REQUIREMENTS**:
2. Total Orders:

SELECT DISTINCT(COUNT(\*)) AS total\_orders

FROM swiggy\_db;



1. Average Rating:

SELECT ROUND(AVG(rating)::numeric,2 ) AS avg\_rating

FROM swiggy\_db;



1. Average price:

SELECT ROUND(AVG(price)::numeric, 2) AS avg\_price

FROM swiggy\_db;



1. Highest Rated Restaurants:

SELECT

Name,

location,

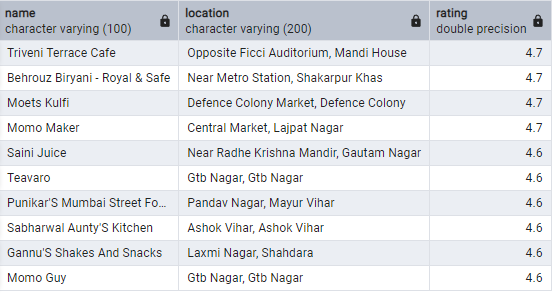
Rating

FROM swiggy\_db

WHERE Rating IS NOT NULL

ORDER BY rating DESC

LIMIT 10;



1. Most Popular Cuisines (Top 10):

SELECT

cuisine,

COUNT(\*) AS total\_restaurants

FROM swiggy\_db

GROUP BY cuisine

ORDER BY total\_restaurants DESC

LIMIT 10;



1. Affordable Restaurants (price < 500 Rs.):

SELECT

name,

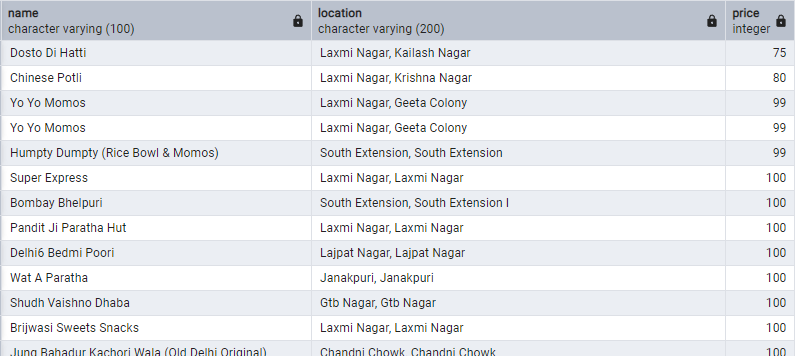
location,

price

FROM swiggy\_db

WHERE price < 500

ORDER BY price ASC;



1. Average Price Per Cuisine:

SELECT

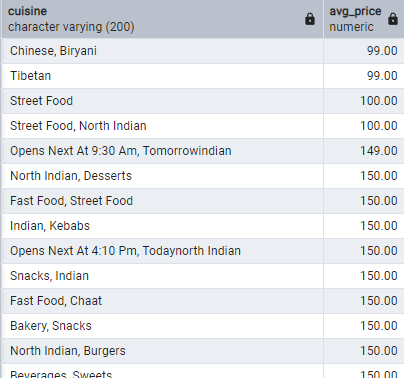
cuisine,

ROUND(AVG(price)::numeric, 2) AS avg\_price

FROM swiggy\_db

GROUP BY cuisine

ORDER BY avg\_price;



1. Location with Most Restaurants:

SELECT

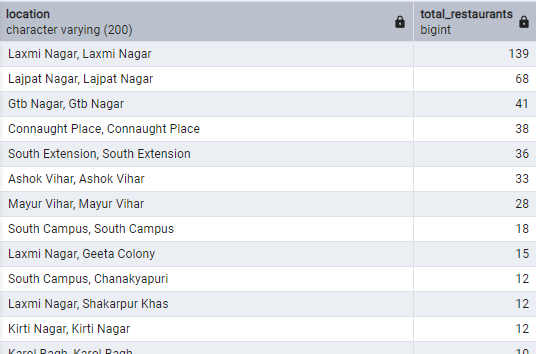
location,

COUNT(\*) AS total\_restaurants

FROM swiggy\_db

GROUP BY location

ORDER BY total\_restaurants DESC;



1. Whether high price restaurants rated higher?

SELECT

CASE

WHEN price < 500 THEN 'Low Budget'

WHEN price BETWEEN 500 AND 1500 THEN 'Mid-Range'

ELSE 'Luxury'

END AS price\_category,

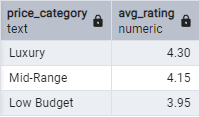
ROUND(AVG(rating)::numeric, 2) AS avg\_rating

FROM swiggy\_db

WHERE rating IS NOT NULL

GROUP BY price\_category

ORDER BY avg\_rating DESC;



1. Cuisines with high average ratings:

SELECT

cuisine,

ROUND(AVG(rating)::numeric, 2) AS avg\_rating

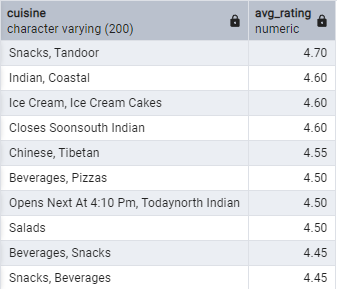
FROM swiggy\_db

WHERE rating IS NOT NULL

GROUP BY cuisine

ORDER BY avg\_rating DESC

LIMIT 10;



-- END OF PROJECT --