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RESTURANT ANALYSIS

WITH
MySQL®



About Zomato

Zomato is a popular Indian online food delivery and restaurant discovery platform, founded in 2008. It allows users to explore restaurants, read reviews, order food, and make reservations. Operating globally, Zomato connects millions of customers with a wide variety of dining options and delivery services.

General Questions

-- 1. How many unique restaurants are listed in the dataset?

```
SELECT
  COUNT(DISTINCT RESTAURANT_NAME) AS unique_restaurants
FROM
  Zomato_orders;
```

-- 2. Best city with the highest number of restaurants?

```
SELECT
  city, COUNT(*) AS Total_orders
FROM
  Zomato_orders
GROUP BY city
ORDER BY Total_orders DESC
LIMIT 1;
```

Output

| | unique_restaurants |
|---|--------------------|
| ▶ | 1598 |

| | city | Total_orders |
|---|-----------|--------------|
| ▶ | Delhi NCR | 1139 |

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General Questions

-- 3. Top 5 Distribution of restaurants by cuisine type?

```
SELECT
    CUSINE, COUNT(RESTAURANT_NAME) AS restaurant_count
FROM
    zomato_orders
GROUP BY CUSINE
ORDER BY restaurant_count DESC
LIMIT 5;
```

-- 4. Top 5 highest-rated restaurants?

```
SELECT
    RESTAURANT_NAME, CITY, RATING
FROM
    zomato_orders
ORDER BY RATING DESC
LIMIT 5;
```

Output

| CUSINE | restaurant_count |
|-----------------------|------------------|
| North Indian | 186 |
| North Indian, Chinese | 120 |
| Fast Food | 69 |
| Chinese | 62 |
| Bakery | 45 |

| RESTAURANT_NAME | CITY | RATING |
|----------------------------------|-----------|--------|
| Chili's Grill & Bar | Delhi NCR | 4.9 |
| ABB - Andrea's Bar And Brasserie | Delhi NCR | 4.9 |
| Dragonfly Experience | Delhi NCR | 4.9 |
| Plum By Bent Chair | Delhi NCR | 4.9 |
| Banter | Delhi NCR | 4.8 |

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General Questions

-- 5. Average rating of restaurants by city?

```
SELECT
    CITY, ROUND(AVG(RATING), 2) AS average_rating
FROM
    zomato_orders
GROUP BY CITY
ORDER BY average_rating DESC;
```

-- 6. Is there a correlation between
-- the number of ratings and average ratings?

```
SELECT
    RATING, ROUND(AVG(RATING_COUNT), 2) AS avg_rating_count
FROM
    zomato_orders
GROUP BY RATING
ORDER BY RATING DESC
LIMIT 10;
```

Output

| CITY | average_rating |
|-----------|----------------|
| Mumbai | 3.38 |
| Kolkata | 2.46 |
| Delhi NCR | 2.32 |

| RATING | avg_rating_count |
|--------|------------------|
| 4.9 | 2204.25 |
| 4.8 | 622.00 |
| 4.7 | 4787.60 |
| 4.6 | 3117.67 |
| 4.5 | 3468.67 |
| 4.4 | 2788.73 |
| 4.3 | 1165.96 |
| 4.2 | 1643.50 |
| 4.1 | 863.36 |
| 4 | 540.07 |

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General Questions

-- 7. Percentage of restaurants offering online ordering?

```
SELECT
  (COUNT(CASE
    WHEN ONLINE_ORDER = 'Yes' THEN 1
  END) * 100.0 / COUNT(*)) AS online_order_percentage
FROM
  zomato_orders;
```

-- 8. Cities with the most restaurants offering table reservations?

```
SELECT
  CITY, COUNT(RESTAURANT_NAME) AS reservation_restaurants
FROM
  zomato_orders
```

```
WHERE
  TABLE_RESERVATION = 'Yes'
```

```
GROUP BY CITY
```

```
ORDER BY reservation_restaurants DESC
```

```
LIMIT 5;
```

Output

| online_order_percentage |
|-------------------------|
| 53.24675 |

| CITY | reservation_restaurants |
|-----------|-------------------------|
| Delhi NCR | 47 |
| Mumbai | 12 |
| Kolkata | 3 |

General Questions

-- 9. Top 5 cuisines based on the number of ratings received?

```
SELECT
    CUSINE, SUM(RATING_COUNT) AS total_ratings
FROM
    zomato_orders
GROUP BY CUSINE
ORDER BY total_ratings DESC
LIMIT 5;
```

-- 10. Top 5 restaurants with the highest rating counts?

```
SELECT
    RESTAURANT_NAME, CITY, RATING_COUNT
FROM
    zomato_orders
ORDER BY RATING_COUNT DESC
LIMIT 5;
```

Output

| CUSINE | total_ratings |
|---|---------------|
| Kontinental Drink, Pizza, Biryani | 14936 |
| North Indian | 13175 |
| North Indian, Chinese | 12499 |
| Finger Food, North Indian, Continent... | 8866 |
| North Indian, Mughlai, Chinese | 8129 |

| RESTAURANT_NAME | CITY | RATING_COUNT |
|---------------------|-----------|--------------|
| Hauz Khas Social | Delhi NCR | 14936 |
| Tamasha | Delhi NCR | 8866 |
| Saravana Bhavan | Delhi NCR | 7906 |
| Karim's | Delhi NCR | 6761 |
| Chili's Grill & Bar | Delhi NCR | 6426 |

General Questions

-- 11. Restaurants offering both online ordering and table reservations?

SELECT

RESTAURANT_NAME, CITY

FROM

zomato_orders

WHERE

ONLINE_ORDER = 'Yes'

AND TABLE_RESERVATION = 'Yes';

Output

| RESTAURANT_NAME | CITY |
|----------------------------|-----------|
| Coffee House | Mumbai |
| Kwality | Kolkata |
| Rosenberg | Kolkata |
| CafÃƒÂ© Bogchi | Delhi NCR |
| Aavakay | Mumbai |
| Coastal Reef | Delhi NCR |
| Nimtho | Delhi NCR |
| Nanuji- By Nanumal Bhojraj | Mumbai |
| Cafe Rendezvous | Delhi NCR |
| The Royal Spice | Kolkata |
| The Atrium - Savoy Suites | Delhi NCR |
| Tamak | Mumbai |
| Olive Bar & Kitchen | Delhi NCR |



General Questions

-- 12. Famous food items in the top-rated restaurants?

```
SELECT
    RESTAURANT_NAME, FAMOUS_FOOD, RATING
FROM
    zomato_orders
ORDER BY RATING DESC
LIMIT 10;
```

-- 13. Most popular cuisines (based on restaurant count)?

```
SELECT
    CUSINE, COUNT(RESTAURANT_NAME) AS cuisine_count
FROM
    zomato_orders
GROUP BY CUSINE
ORDER BY cuisine_count DESC
LIMIT 5;
```

Output

| RESTAURANT_NAME | FAMOUS_FOOD | RATING |
|----------------------------------|---|--------|
| Chili's Grill & Bar | Burgers , Nachos , Pasta , Pizza , Coc... | 4.9 |
| ABB - Andrea's Bar And Brasserie | Pizza , Chocolate Dome , Nutella Bro... | 4.9 |
| Dragonfly Experience | Cocktails , Sushi , Salad , Hot Chocola... | 4.9 |
| Plum By Bent Chair | Cocktails , Sushi , Noodle , Pizza , Hot... | 4.9 |
| Banter | Mocktails , Dal Makhani , Butter Naan ... | 4.8 |
| Station Bar | Cocktails , Pizza , Brownie , Pasta , Mo... | 4.7 |
| EggOMogo | Steak , Biryani , Sandwich , Burgers , ... | 4.7 |
| AB's - Absolute Barbecues | Pasta , Sea Food , Fish , Crispy Corn ,... | 4.7 |
| Hauz Khas Social | Cocktails , Long Island Iced Tea , Nac... | 4.7 |
| Pa Pa Ya | Cocktails , Chocolate Ball , Noodle , M... | 4.7 |

| CUSINE | cuisine_count |
|-----------------------|---------------|
| North Indian | 186 |
| North Indian, Chinese | 120 |
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| Chinese | 62 |
| Bakery | 45 |

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General Questions

-- 14. Top 5 restaurants in a specific city (e.g., 'Kolkata') based on ratings?

SELECT

RESTAURANT_NAME, AREA, RATING

FROM

zomato_orders

WHERE

CITY = 'Kolkata'

ORDER BY RATING DESC

LIMIT 5;

Output

| RESTAURANT_NAME | AREA | RATING |
|--|------------------------|--------|
| Rollick | Park Street Area | 4.2 |
| Studio - The Pan-Asian Galerie - Novotel | New Town | 4.1 |
| Cookie Man | Prince Anwar Shah Road | 4.1 |
| Shiv Sai Snacks Bar | Sector 3, Salt Lake | 4.1 |
| Rosenberg | Ultadanga | 4 |