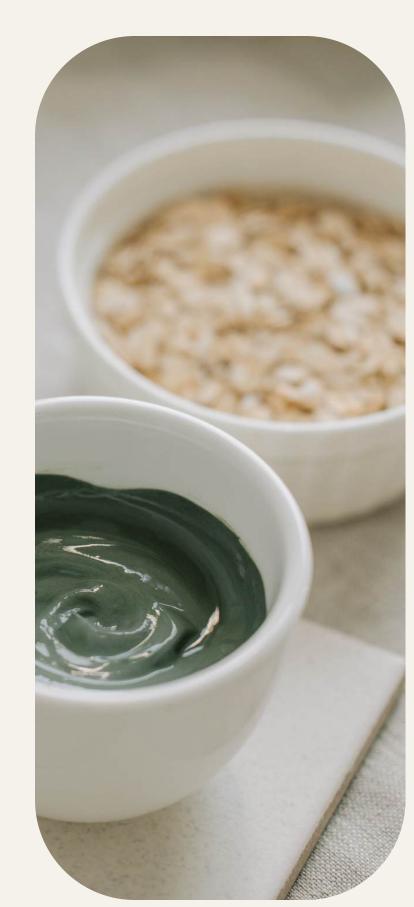
# Blinkit Analysis

Analysis by Yogesh Kushwaha







I am Yogesh Kushwaha, a data enthusiast passionate about analyzing data and extracting meaningful insights. This SQL project highlights my ability to handle complex datasets, create optimized queries, and solve business challenges. It demonstrates how data-driven strategies can improve operations, enhance customer satisfaction, and support better decision-making.

## Introduction

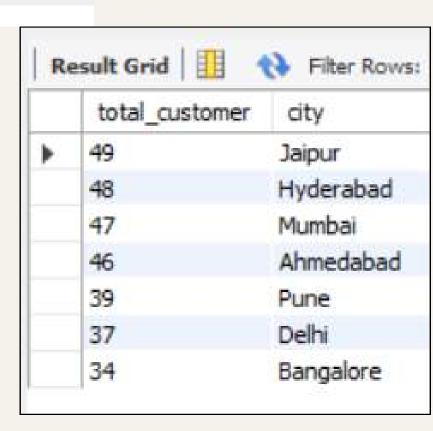


# Here are the questions performed in the project:

- Number of customers in each city?
- City with the highest revenue?
- Top 10 most ordered products?
- Total orders by delivery status?
- Which customers have late deliveries, and how many?
- Most popular product by quantity sold?
- Top 3 products by revenue?
- Top 5 customers by spending?

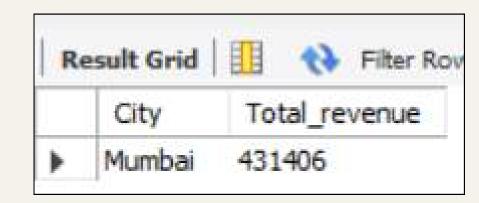
#### Number of customers in each city?

```
SELECT
    COUNT(CustomerId) AS total_customer, city
FROM
    customers
GROUP BY city
ORDER BY total_customer DESC;
```



#### City with highest revenue?

```
SELECT
    C.City, SUM(Od.Quantity * PricePerUnit) AS Total_revenue
FROM
    customers C
        JOIN
    orders O ON C.CustomerID = O.CustomerID
        JOIN
    orderdetails Od ON Od.OrderID = O.OrderID
GROUP BY C.City
ORDER BY Total_revenue DESC
LIMIT 1;
```



#### Top 10 most ordered products?

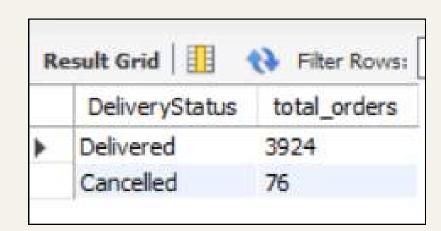
```
ProductName, SUM(Quantity) AS Total_quantity
FROM

orderdetails
GROUP BY ProductName
ORDER BY Total_quantity DESC
LIMIT 10;
```

	ProductName	Total_quantity
•	Harpic Toilet Cleaner	1701
	Dove Soap	1604
	Parle-G Biscuits	1598
	Nestle Milk	1574
	Tata Tea Gold	1567
	Himalaya Face Wash	1559
	Godrej Hair Dye	1541
	Amul Butter	1531
	Good Day Cookies	1528
	Red Label Tea	1492

#### Most popular product by quantity sold?

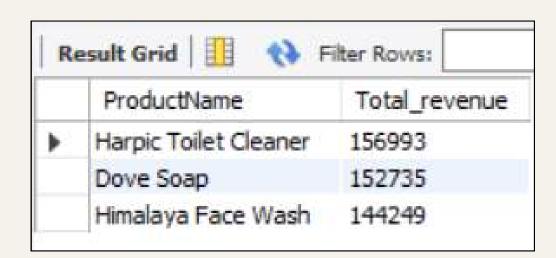
```
SELECT
    DeliveryStatus, COUNT(orderId) AS total_orders
FROM
    orders
GROUP BY DeliveryStatus
ORDER BY total_orders DESC;
```



#### Top 3 products by revenue?

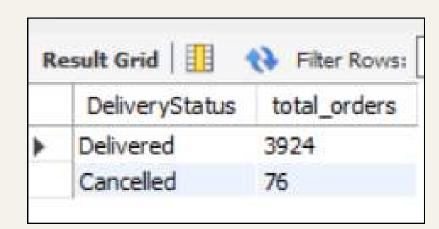
```
ProductName, SUM(Quantity * PricePerUnit) AS Total_revenue
FROM
orderdetails
GROUP BY ProductName
ORDER BY Total_revenue DESC
LIMIT 3;
```





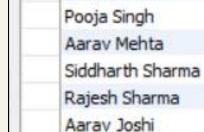
#### Total orders by delivery status?

```
SELECT
    DeliveryStatus, COUNT(orderId) AS total_orders
FROM
    orders
GROUP BY DeliveryStatus
ORDER BY total_orders DESC;
```



#### Which customers have late deliveries, and how many?

```
SELECT
    c.name, COUNT(o.OrderID) AS Late_Delivery_count
FROM
    customers c
        JOIN
    orders o ON c.CustomerID = o.CustomerID
WHERE
    DeliveryDateTime > OrderDateTime
GROUP BY c.name
ORDER BY Late_Delivery_count DESC limit 10;
```



Result Grid

Rohit Khan

Ishani Joshi

Pooja Pandey

Rajesh Gupta

Siddharth Mehta

name

♦ Filter Rows:

141

90

82

77

76

71

70

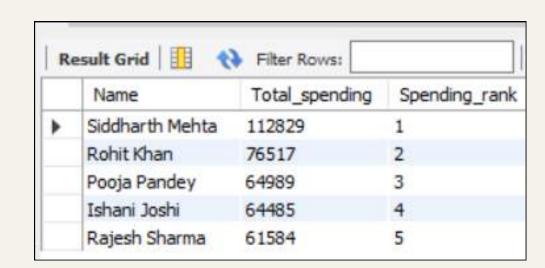
70

Late\_Delivery\_count



#### Top 5 customers by spending?

```
SELECT
    C.Name, SUM(0.TotalAmount) AS Total_spending,
    rank()Over (order by sum(0.TotalAmount)desc)as Spending_rank
FROM
    customers C
        JOIN
    Orders O ON C.CustomerId = O.CustomerId
GROUP BY c.Name
ORDER BY Total_spending DESC
LIMIT 5;
```



## Thank You!

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- @ @code\_with\_yogesh

