blinkit

India’s Last Minute App

blinkit Data Analysis Using SQL

- Calculate total sales.
- Calculate the total revenue generated.
- List the top 5 cities as their product sales.
- List the Bottom 3 cities as their product sales.
- Calculate the delivery status of the product.
- Calculate delivery status as per cities.
- Calculate most revenue generated product.
- Calculate time taken for delivering the products.
- Calculate the highest ordered product.

CALCULATE TOTAL SALES.

```sql
-- Calculate the Total sales of products

SELECT  ProductName ,Quantity * PricePerUnit as Total_Sales
 FROM orderdetails_blinkit;
```

ProductName	Total_Sales
Clinic Plus Shampoo	99
Maggi Noodles	600
Harpic Toilet Cleaner	1200
Ariel Detergent	495
Bournvita	297
Aashirvaad Atta	100
Good Day Cookies	80
Britannia Rusk	80
Good Day Cookies	175
Himalaya Face Wash	800
Good Day Cookies	40
Bournvita	300
Tata Salt	480
Dettol Liquid	80
Dettol Liquid	50
Parle-G Biscuits	1500
Fortune Oil	50
Aashirvaad Atta	360

CALCULATE THE TOTAL REVENUE GENERATED.

```sql
-- Total Revenue Generated

SELECT sum(Quantity * PricePerUnit) as Revenue
 FROM orderdetails_blinkit;
```

Revenue
2711473

LIST THE TOP 5 CITIES AS THEIR PRODUCT SALES

```sql
-- List the Top 5 cities as per their  product sales.

SELECT
    (customers_blinkit.city),
    SUM(orderdetails_blinkit.Quantity * orderdetails_blinkit.PricePerUnit) AS Total_Sales
FROM
    customers_blinkit
        JOIN
    orders_blinkit ON customers_blinkit.CustomerID = orders_blinkit.CustomerID
        JOIN
    orderdetails_blinkit ON orders_blinkit.OrderID = orderdetails_blinkit.OrderID
GROUP BY customers_blinkit.City
order by Total_Sales DESC
limit 5
```

city	Total_Sales
Mumbai	431406
Jaipur	427166
Hyderabad	417768
Ahmedabad	401352
Delhi	350541

LIST THE BOTTOM 3 CITIES AS THEIR PRODUCT SALES.

```sql
-- list the bottom most cities as per their producct sales.

SELECT
    (customers_blinkit.city),
    SUM(orderdetails_blinkit.Quantity * orderdetails_blinkit.PricePerUnit) AS Total_Sales
FROM
    customers_blinkit
        JOIN
    orders_blinkit ON customers_blinkit.CustomerID = orders_blinkit.CustomerID
        JOIN
    orderdetails_blinkit ON orders_blinkit.OrderID = orderdetails_blinkit.OrderID
GROUP BY customers_blinkit.City
order by Total_Sales ASC
limit 3
```

city	Total_Sales
Bangalore	333014
Pune	350226
Delhi	350541

CALCULATE THE DELIVERY STATUS OF THE PRODUCT.

```sql
-- Calculate the delivery status of the product.

SELECT
    DeliveryStatus, COUNT(OrderID) AS order_id
FROM
    orders_blinkit
GROUP BY orders_blinkit.DeliveryStatus;
```

DeliveryStatus	order_id
Delivered	3924
Cancelled	76

CALCULATE DELIVERY STATUS AS PER CITIES.

```sql
-- calculate the delivery status as per the cities.

SELECT
    customers_blinkit.City , orders_blinkit.DeliveryStatus,
    count(*) as deliverystatuscount
FROM
    customers_blinkit
        JOIN
    orders_blinkit ON customers_blinkit.CustomerID = orders_blinkit.CustomerID
GROUP BY customers_blinkit.City ,orders_blinkit.DeliveryStatus
order by customers_blinkit.City ASC
```

City	DeliveryStatus	deliverystatuscount
Bangalore	Delivered	466
Delhi	Cancelled	15
Delhi	Delivered	486
Hyderabad	Cancelled	11
Hyderabad	Delivered	620
Jaipur	Cancelled	16
Jaipur	Delivered	642
Mumbai	Cancelled	8
Mumbai	Delivered	618
Pune	Cancelled	11
Pune	Delivered	500

CALCULATE MOST REVENUE GENERATED PRODUCT.

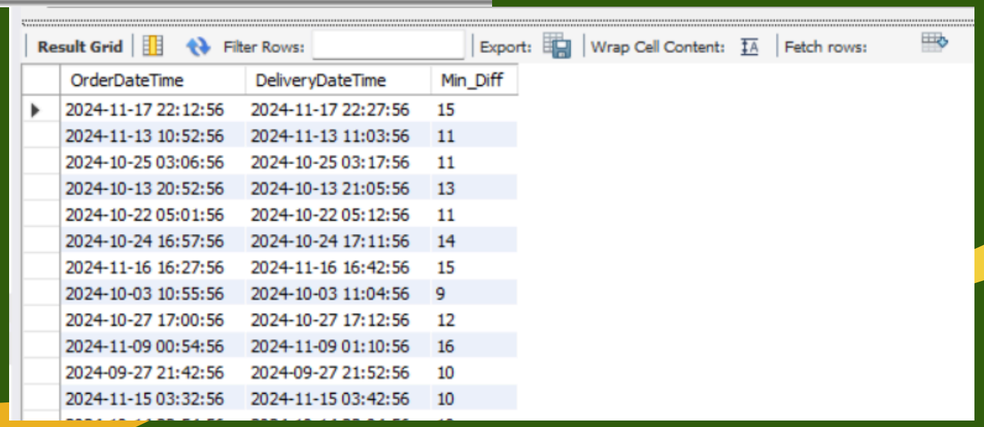
```sql
-- Calculate the product which is sold the most according to their sales

SELECT
    ProductName, SUM(Quantity * PricePerUnit) AS sales
FROM
    orderdetails_blinkit
GROUP BY ProductName
ORDER BY sales DESC
```

ProductName	sales
Harpic Toilet Cleaner	156993
Dove Soap	152735
Himalaya Face Wash	144249
Parle-G Biscuits	140283
Tata Tea Gold	139663
Good Day Cookies	138397
Amul Butter	138031
Red Label Tea	136761
Nestle Milk	136472
Aashirvaad Atta	132255
Godrej Hair Dye	132078

CALCULATE TIME TAKEN FOR DELIVERING THE PRODUCTS.

```sql
-- calculate the time taken for delivering the product.
SELECT
    OrderDateTime,
    DeliveryDateTime,
    TIMESTAMPDIFF(MINUTE, OrderDateTime, DeliveryDateTime) AS Min_Diff
FROM
    orders_blinkit
```



Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

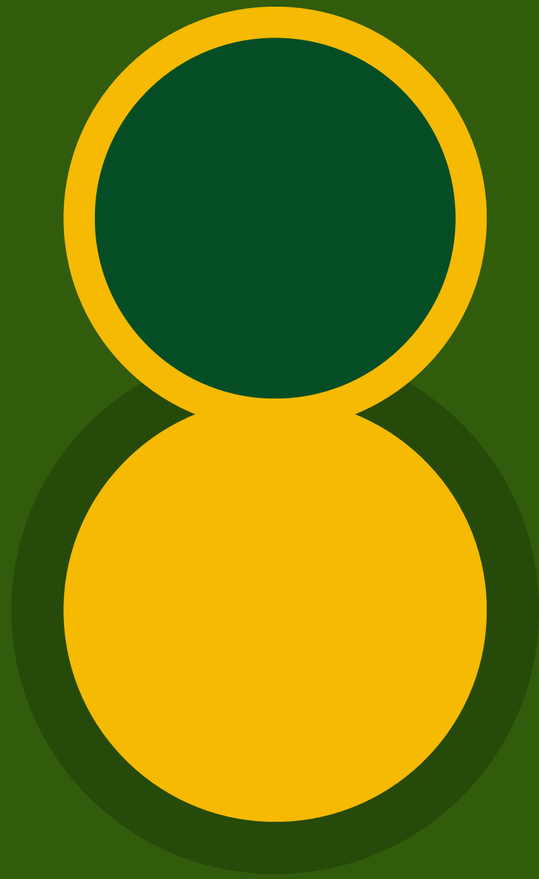
OrderDateTime	DeliveryDateTime	Min_Diff
2024-11-17 22:12:56	2024-11-17 22:27:56	15
2024-11-13 10:52:56	2024-11-13 11:03:56	11
2024-10-25 03:06:56	2024-10-25 03:17:56	11
2024-10-13 20:52:56	2024-10-13 21:05:56	13
2024-10-22 05:01:56	2024-10-22 05:12:56	11
2024-10-24 16:57:56	2024-10-24 17:11:56	14
2024-11-16 16:27:56	2024-11-16 16:42:56	15
2024-10-03 10:55:56	2024-10-03 11:04:56	9
2024-10-27 17:00:56	2024-10-27 17:12:56	12
2024-11-09 00:54:56	2024-11-09 01:10:56	16
2024-09-27 21:42:56	2024-09-27 21:52:56	10
2024-11-15 03:32:56	2024-11-15 03:42:56	10

CALCULATE THE HIGHEST ORDERED PRODUCT.

```sql
-- Which product is highest ordered .

SELECT
    ProductName, COUNT(Quantity) AS QuantityCount
FROM
    orderdetails_blinkit
GROUP BY ProductName , Quantity
ORDER BY QuantityCount DESC;
```

ProductName	QuantityCount
Harpic Toilet Cleaner	125
Parle-G Biscuits	123
Fortune Oil	118
Dove Soap	117
Godrej Hair Dye	117
Harpic Toilet Cleaner	115
Himalaya Face Wash	114
Tata Tea Gold	113
Harpic Toilet Cleaner	112
Amul Butter	111
Britannia Rusk	111
Good Day Cookies	111
Nestle Milk	111
Godrej Hair Dye	110
Nestle Milk	110



THANK YOU

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