

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMLA DAX

swiggy Execute

Object Explorer

Connect Database Snapshots AdventureWorks2022 AdventureWorksDW2022 bank_loan ola railways SalesAnalysis SalesDB swiggy Database Diagrams Tables System Tables FileTables External Tables Graph Tables dbo.Customers dbo.Deliveries dbo.orders dbo.restaurants dbo.riders Views External Resources Synonyms Programmability Query Store Service Broker Storage

Quick Launch (Ctrl+Q)

Swiggy.sql - VINAY\... (VINAY\vinay (53)) * Vinay\SQLEXPRESS.swiggy - Diagram_0*

```
select count(*) as total_customer from customers;

select count(*) as Total_delivery from deliveries;

select count(*) as total_orders from orders;

select count(*) as total_restaurant from restaurants;

select Count(*) as total_riders from riders;
```

121 %

Results Messages

total_customer	5000
Total_delivery	1048575
total_orders	1048575
total_restaurant	1000
total_riders	2000

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Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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Quick Launch (Ctrl+Q)

-- Customer Analysis
--1. Top 10 customers based on total spending

```
select top 10 c.customer_id, c.customer_name, round(sum(o.total_amount), 2) as Total_spending,  
count(o.order_id) as Total_orders  
from customers as c  
inner join orders as o on c.customer_id = o.customer_id  
group by c.customer_id, c.customer_name  
order by sum(o.total_amount) desc;
```

Results Messages

	customer_id	customer_name	Total_spending	Total_orders
1	1617	Vinay Kumar Panika	281121.14	264
2	1735	Awadhesh Yadav	277533.62	250
3	864	Nevendra Rajput	277140.52	274
4	3346	Piyush Chaturvedi	276117.68	263
5	747	Rituraj Pawar	275761.99	244
6	2185	Hari Mishra	275613.02	248
7	1480	Ashish Singh	275230.65	252
8	2019	Chetan Chundawat	274805.55	256
9	4689	Himanshu Sahu	274092.1	250
10	33	Suman Shekhar Panika	273614.97	253

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 10 rows

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Ready

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-- Top 10 Customers who placed Maximum orders in the last year

```
Select top 10 c.customer_id,c.customer_name,count(o.order_id) as order_count
from customers as c
inner join orders as o on c.customer_id = o.customer_id
where order_date >= dateadd(year,-1,getdate())
group by c.customer_id,c.customer_name
having count(o.order_id) > 250
order by count(o.order_id) desc;
```

Results Messages

	customer_id	customer_name	order_count
1	864	Nevendra Rajput	274
2	1617	Vinay Kumar Panika	264
3	3346	Piyush Chaturvedi	262
4	4307	Wridesh Maharaj	260
5	3112	Devansh Chatterjee	258
6	1306	Shaurya Kalita	257
7	2480	Anirudh Pandit	257
8	2019	Chetan Chundawat	256
9	1535	Ishwar Jha	255
10	949	Harsh Sarin	255

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 10 rows

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-- Customer Age & Order Patterns
-- Which age group orders the most?

```
select case
when c.age between 18 and 25 then '18-25'
when c.age between 26 and 35 then '26-35'
when c.age between 36 and 45 then '36-45'
when c.age between 46 and 55 then '46-55'
else '56+' end as Age_group,
c.gender,count(o.order_id) as Total_orders
from customers as c
inner join orders as o on o.customer_id = c.customer_id
group by case
when c.age between 18 and 25 then '18-25'
when c.age between 26 and 35 then '26-35'
when c.age between 36 and 45 then '36-45'
when c.age between 46 and 55 then '46-55'
else '56+' end ,c.gender
order by count(o.order_id) desc,c.gender;
```

Results Messages

	Age_group	gender	Total_orders
1	36-45	Male	113283
2	36-45	Female	112429
3	46-55	Male	111788
4	56+	Male	110183
5	26-35	Male	109461
6	56+	Female	108291
7	46-55	Female	103825
8	26-35	Female	102812
9	18-25	Male	89862
10	18-25	Female	88041

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 10 rows

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Quick Launch (Ctrl+Q)

-- Restaurant Performance
-- Top 10 restaurants based on total sales

```
select top 10 r.restaurant_id, r.restaurant_name, r.city, count(o.order_id) as Total_orders,
round(sum(o.total_amount),2) as Total_sales
from restaurants as r
inner join orders as o on r.restaurant_id = o.restaurant_id
group by r.restaurant_id, r.restaurant_name, r.city
order by sum(o.total_amount) desc;
```

121 %

Results Messages

	restaurant_id	restaurant_name	city	Total_orders	Total_sales
1	46	Nadig-Oza	Lucknow	1166	1244615.33
2	226	Kohli-Khalsa	Jaipur	1161	1222855.7
3	366	Keer-Goswami	Chennai	1132	1222603.73
4	206	Mann Inc	Lucknow	1152	1207919.65
5	416	Dara-Radhakrishnan	Delhi	1105	1205856.32
6	335	Amble-Sunder	Daltonganj	1101	1204733.63
7	58	Puri-Sankar	Lucknow	1119	1200698.53
8	787	Kaul, Shetty and Parmer	Delhi	1102	1199467.32
9	574	Pant-Sant	Kolkata	1109	1198956.37
10	928	Lad-Sarraf	Lucknow	1088	1197238.21

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 10 rows

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Swiggy.sql - VINAY\...(VINAY\vinay (53)) - Diagram_0*

```
-- Order Trends by City
-- City with the highest number of orders

select r.city, count(o.order_id) as Total_orders, round(sum(o.total_amount), 2) as Total_sales
from restaurants as r
inner join orders as o on r.restaurant_id = o.restaurant_id
group by r.city
order by count(o.order_id) desc;
```

121 %

Results Messages

	city	Total_orders	Total_sales
1	Kolkata	91460	96117754.45
2	Jaipur	88124	92563997.36
3	Daltonganj	83545	87801591.05
4	Lucknow	83018	87212953.18
5	Chennai	81886	85956984.12
6	Ranchi	80534	84503188.38
7	Bangalore	79957	83878510.56
8	Pune	79531	83469889.64
9	Ahmedabad	77640	81576400.27
10	Delhi	77626	81293696.72
11	Hyderabad	77551	81212969.83
12	Indore	74528	78285942.25
13	Mumbai	73175	76735652.2

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 13 rows

Ln 81 Col 33 Ch 33 INS

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-- Average order value per city

```
select r.city,round(avg(total_amount),2) as average_sales from restaurants as r
inner join orders as o on r.restaurant_id = o.restaurant_id
group by r.city
order by round(avg(total_amount),2) desc;
```

Results Messages

	city	average_sales
1	Daltonganj	1050.95
2	Kolkata	1050.93
3	Ahmedabad	1050.7
4	Lucknow	1050.53
5	Indore	1050.42
6	Jaipur	1050.38
7	Chennai	1049.72
8	Pune	1049.53
9	Ranchi	1049.29
10	Bangalore	1049.05
11	Mumbai	1048.66
12	Delhi	1047.25
13	Hyderabad	1047.22

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 13 rows

Ln 91 Col 1 Ch 1 INS

Ready

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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Quick Launch (Ctrl+Q)

Swiggy.sql - VINAY\... (VINAY\vinay (53)) - Vinay\SQLEXPRESS.swiggy - Diagram_0*

```
-- Order Patterns Over Time

-- Orders by day of the week

select datename(weekday,order_date) as Day, count(order_id) as Total_orders
from orders
group by datename(weekday,order_date)
order by count(order_id) desc;
```

121 %

Results Messages

	Day	Total_orders
1	Thursday	152310
2	Wednesday	152004
3	Tuesday	149703
4	Sunday	149221
5	Saturday	148936
6	Monday	148489
7	Friday	147912

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:01 | 7 rows

Ready Ln 100 Col 31 Ch 31 INS

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53))* - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

swiggy Execute

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Swiggy.sql - VINAY\...(VINAY\vinay (53))* Vinay\SQLEXPRESS.swiggy - Diagram_0*

```
-- Busiest time of the day for orders
select
    case
        when cast(order_time as time) between '06:00:00' and '11:59:59' then 'Morning'
        when cast(order_time as time) between '12:00:00' and '17:59:59' then 'Afternoon'
        when cast(order_time as time) between '18:00:00' and '23:59:59' then 'Evening'
        else 'Night' end as Time_of_day,
    count(order_id) as Total_orders from orders
group by
    case
        when cast(order_time as time) between '06:00:00' and '11:59:59' then 'Morning'
        when cast(order_time as time) between '12:00:00' and '17:59:59' then 'Afternoon'
        when cast(order_time as time) between '18:00:00' and '23:59:59' then 'Evening'
        else 'Night' end
    order by count(order_id) desc;
```

121 % Results Messages

Time_of_day	Total_orders
Night	262356
Evening	262113
Morning	262096
Afternoon	262010

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:01 | 4 rows

Ready Ln 102 Col 1 Ch 1 INS

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

swiggy Execute

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-- City with the highest cancellation rate

```
select r.city, count(o.order_id) as Total_orders,
       count(case when o.order_status = 'cancelled' then 1 end) as cancel_orders,
       count(case when o.order_status = 'cancelled' then 1 end)*100.0/count(o.order_id) as Cancellation_percent
  from restaurants as r
 inner join orders as o on r.restaurant_id = o.restaurant_id
 group by r.city
 order by count(case when o.order_status = 'cancelled' then 1 end)*100.0/count(o.order_id) desc;
```

Results Messages

	city	Total_orders	cancel_orders	Cancellation_percent
1	Bangalore	79957	26955	33.711870130194
2	Mumbai	73175	24609	33.630338230269
3	Ranchi	80534	27078	33.623066034221
4	Delhi	77626	26093	33.613737665215
5	Chennai	81886	27426	33.492904770046
6	Ahmedabad	77640	25970	33.449252962390
7	Kolkata	91460	30573	33.427727968510
8	Hyderabad	77551	25838	33.317429820376
9	Jaipur	88124	29289	33.236121828332
10	Lucknow	83018	27576	33.216892722060
11	Daltonganj	83545	27742	33.206056616194
12	Indore	74528	24736	33.190210390725
13	Pune	79531	26216	32.963247035747

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 13 rows

Ln 136 Col 1 Ch 1 INS

Ready

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

swiggy Execute

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--Food Preferences
-- Top 10 most ordered food items

```
select top 10 order_item, count(order_id) as total_order from orders
group by order_item
order by count(order_id) desc;
```

Results

	order_item	total_order
1	Chicken Tikka	21714
2	Aloo Paratha	21687
3	Chana Masala	21611
4	Pesarattu	21583
5	Malai Kofta	21578
6	Tandoori Chicken	21571
7	Pizza	21568
8	Rogan Josh	21559
9	Chole Bhature	21539
10	Keema Paratha	21532

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 10 rows

Ln 145 Col 1 Ch 1 INS

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Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

swiggy Execute

Object Explorer

Connect Database Snapshots AdventureWorks2022 AdventureWorksDW2022 bank_loan ola railways SalesAnalysis SalesDB swiggy Database Diagrams Tables System Tables FileTables External Tables Graph Tables dbo.Customers dbo.Deliveries dbo.orders dbo.restaurants dbo.riders Views External Resources Synonyms Programmability Query Store Service Broker Storage

-- Food category with the highest average rating

```
select top 10 order_item, avg(rating) as Average_rating from orders
group by order_item
order by avg(rating) desc;
```

Results Messages

	order_item	Average_rating
1	Pesarattu	3
2	Burger	3
3	Vada Pav	3
4	Dal Tadka	3
5	Samosa	3
6	Liti Chokha	3
7	Mutton Curry	3
8	Dal Makhani	3
9	Misal Pav	3
10	Chole Bhature	3

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 10 rows

Ln 152 Col 1 Ch 1 INS

Ready

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

swiggy Execute

Object Explorer

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Swiggy.sql - VINAY\...(VINAY\vinay (53)) - Diagram_0*

```
-- Delivery Performance
-- Percentage of successful vs. failed deliveries

select
    count(case when delivery_status = 'Delivered' then 1 end)*100.0/count(delivery_id) as Success_percentage,
    count(case when delivery_status = 'failed' then 1 end)*100.0/count(delivery_id) as failure_percentage
from deliveries;
```

Results Messages

	Success_percentage	failure_percentage
1	33.451207591254	33.318455999809

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 1 rows

Ln 162 Col 1 Ch 1 INS

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Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

swiggy Execute

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Quick Launch (Ctrl+Q)

-- City with the most failed deliveries percentage

```
select r.city,
       count(case when d.delivery_status = 'failed' then 1 end)*100.0/count(d.delivery_id) as failure_percentage
  from restaurants as r
 inner join orders as o on r.restaurant_id = o.restaurant_id
 inner join deliveries as d on d.order_id = o.order_id
 group by r.city
 order by count(case when d.delivery_status = 'failed' then 1 end)*100.0/count(d.delivery_id) desc;
```

Results Messages

	city	failure_percentage
1	Indore	33.680091620538
2	Ahmedabad	33.665646998120
3	Hyderabad	33.583458395864
4	Mumbai	33.436859068268
5	Daltonganj	33.357851522408
6	Bangalore	33.311822174419
7	Chennai	33.279183915876
8	Kolkata	33.262486716259
9	Jaipur	33.252667651979
10	Ranchi	33.182686983083
11	Lucknow	33.156827012343
12	Pune	33.101547441047
13	Delhi	33.020220588235

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:02 | 13 rows

Ln 174 Col 1 Ch 1 INS

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Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

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Quick Launch (Ctrl+Q)

-- Rider Efficiency
-- Rider with the most Succesfull deliveries

```
select top 5 r.rider_id, r.Rider_name, count(d.delivery_id) Number_of_deliveries from riders as r
inner join deliveries as d on r.rider_id = d.rider_id
where d.delivery_status = 'Delivered'
group by r.rider_id, r.Rider_name
order by count(d.delivery_id) desc;
```

110 % Results Messages

	rider_id	Rider_name	Number_of_deliveries
1	1654	Wahab Handa	215
2	376	Dalbir Chaudhry	212
3	148	Gagan Seshadri	211
4	890	Ranveer Pathak	211
5	1843	Gavin Setty	210

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:00 | 5 rows

Ready Ln 186 Col 37 Ch 37 INS

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

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New Query MDX DMX XMLA DAX

swiggy Execute

Object Explorer

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-- Average delivery time per city

```
select r.city, avg(datediff(minute,o.order_time,d.delivery_time)) as average_delivery_time
from restaurants as r
inner join orders as o on o.restaurant_id = r.restaurant_id
inner join deliveries as d on d.order_id = o.order_id
group by r.city
order by avg(datediff(minute,o.order_time,d.delivery_time)) ;
```

Results Messages

	city	average_delivery_time
1	Ahmedabad	1
2	Chennai	2
3	Lucknow	2
4	Kolkata	5

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:02 | 4 rows

Ln 198 Col 1 Ch 1 INS

Ready

Swiggy.sql - VINAY\SQLEXPRESS.swiggy (VINAY\vinay (53)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDX DMX XMLA DAX

swiggy Execute

Object Explorer

Connect Database Snapshots AdventureWorks2022 AdventureWorksDW2022 bank_loan ola railways SalesAnalysis SalesDB swiggy Database Diagrams Tables System Tables FileTables External Tables Graph Tables dbo.Customers dbo.Deliveries dbo.orders dbo.restaurants dbo.riders Views External Resources Synonyms Programmability Query Store Service Broker Storage

Quick Launch (Ctrl+Q)

-- Order-to-Delivery Time Analysis

```
select o.order_id, o.customer_id, o.restaurant_id, d.rider_id,
       datediff(minute, o.order_time, d.delivery_time) as Delivery_time_in_minutes
  from orders as o
 inner join deliveries as d on o.order_id = d.order_id
 where d.delivery_status = 'Delivered'
 order by datediff(minute, o.order_time, d.delivery_time) desc;
```

Results Messages

	order_id	customer_id	restaurant_id	rider_id	Delivery_time_in_minutes
1	620015	2094	429	1887	1435
2	994789	3130	13	419	1434
3	231791	1778	38	1298	1431
4	166136	2588	492	1776	1430
5	25693	3618	13	282	1430
6	889025	2827	716	318	1430
7	690093	3980	422	1733	1428
8	338721	3078	267	881	1428
9	401810	14	138	738	1427
10	417557	3712	88	1460	1426
11	1012077	1199	903	1500	1426
12	694040	2827	692	748	1425
13	649536	44	614	859	1425

Query executed successfully.

VINAY\SQLEXPRESS (16.0 RTM) | VINAY\vinay (53) | swiggy | 00:00:02 | 245,015 rows

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Ready