

SQL Server Enterprise Edition (64-bit) - 14.0.2535.1 (x64)  
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Broker

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```
group by a.userid  
---how many days has each customer visited zomato?  
select userid,count(distinct created_date) distinct_days from sales group by userid;  
---what was the first product purchased by each customer?  
select * from  
(select *,rank() over(partition by userid order by created_date) rnk from sales) a where rnk=1  
----what is the most purchased item on the menu and how many times was it purchased by all customers?  
select product_id,count(product_id) cnt_of_most_pur from sales group by product_id order by count(product_id) desc  
  
select userid,count(product_id) cnt from sales where product_id =  
(select top 1 product_id from sales group by product_id order by count(product_id) desc)  
group by userid
```

70 %

Results Messages

	userid	cnt
1	1	3
2	2	1
3	3	3



SQLQuery3.sql - DE...4RIHN1\savit (55)\*

```
(select *,rank() over(partition by userid order by created_date) rnk from sales) a where rnk=1  
  
----what is the most purchased item on the menu and how many times was it purchased by all customers?  
  
select product_id,count(product_id) cnt_of_most_pur from sales group by product_id order by count(product_id) desc  
  
select userid,count(product_id) cnt from sales where product_id =  
(select top 1 product_id from sales group by product_id order by count(product_id) desc)  
group by userid  
  
----which item was the most popular for each customer  
  
select * from  
(select *,rank() over(partition by userid order by cnt desc) rnk from  
(select userid,product_id,count(product_id) cnt from sales group by userid,product_id)a)b  
where rnk=1
```

70 %

Results Messages

	userid	product_id	cnt	rnk
1	1	2	3	1
2	2	3	2	1
3	3	2	3	1

Query executed successfully.

DESKTOP-84RIHN1\SQLEXPRESS ... | DESKTOP-84RIHN1\savit ... | t



task

SQL Explorer

DESKTOP-84RIHN1\SQLEXPRESS (SQL)

- Databases
  - System Databases
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  - nyka
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  - Programmability
  - Query Store
  - Service Broker
  - Storage
  - Security
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SQLQuery3.sql - DE...4RIHN1\savit (55))

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(select *,rank() over(partition by userid order by created_date) rnk from sales) a where rnk=1  
---what is the most purchased item on the menu and how many times was it purchased by all customers?  
select product_id,count(product_id) cont_of_most_pur from sales group by product_id order by count(product_id) desc
```

70 %

Results Messages

	product_id	cont_of_most_pur
1	2	7
2	1	5
3	3	4

Query executed successfully.

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SQLQuery3.sql - DE...4RIHN1\savit (55)\*

```
(select *,rank() over(partition by userid order by created_date) rnk from sales) a where rnk=1  
  
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where rnk=1
```

70 %

Results Messages

	userid	product_id	cnt	rnk
1	1	2	3	1
2	2	3	2	1
3	3	2	3	1

Query executed successfully.

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SQLQuery3.sql - DE...4RIHN1\savit (55))\* X

```
select * from sales;
select * from product;
select * from goldusers_signup;
select * from users;

--- what is the total amount of each customer spent on zomato?

select a.userid, a.product_id, b.price from sales a inner join product b on a.product_id=b.product_id;

--- total amount which are spent by the customers

select a.userid, sum(b.price) total_amt_spent from sales a inner join product b on a.product_id=b.product_id
group by a.userid
```

70 %

Results Messages

	userid	total_amt_spent
1	1	5230
2	2	2510
3	3	4570

Query executed successfully.

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Ln 64 Col 1 Ch 1 INS

DELL

SQLQuery3.sql - DE...4RIHN1\savit (55))\* X

```
select * from sales;  
select * from product;  
select * from goldusers_signup;  
select * from users;
```

--What is the total amount of each customer spent on zomato?

select a.userid,a.product\_id,b.price from sales a inner join product b on a.product\_id=b.product\_id;

70 %

Results Messages

	userid	product_id	price
1	1	2	870
2	3	1	980
3	2	3	330
4	1	2	870
5	1	3	330
6	3	2	870
7	1	1	980
8	1	3	330
9	2	1	980
10	1	2	870
11	1	1	980
12	3	1	980
13	3	2	870

Query executed successfully.

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DELL

F3 F4 F5 F6 F7 F8 F9 \* 8  
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Database Diagrams  
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Query Store  
Service Broker  
Storage  
Security  
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Profiler

group by a.userid

---how many days has each customer visited zomato?

```
select userid, count(distinct created_date) distinct_days from sales group by userid;
```

---what was the first product purchased by each customer?

```
(select *, rank() over(partition by userid order by created_date) rnk from sales)
```

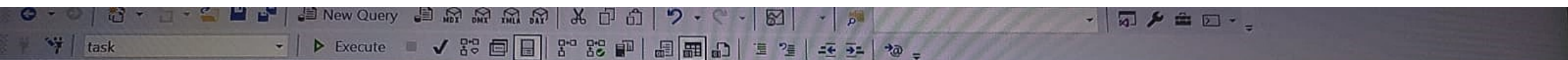
70 %

Results Messages

	userid	created_date	product_id	rnk
1	1	2016-03-11	1	1
2	1	2016-05-20	3	2
3	1	2016-11-09	1	3
4	1	2017-03-11	2	4
5	1	2017-04-19	2	5
6	1	2018-03-19	3	6
7	1	2019-10-23	2	7
8	2	2017-09-24	1	1
9	2	2017-11-08	2	2
10	2	2018-09-10	3	3
11	2	2020-07-20	3	4
12	3	2016-11-10	1	1
13	3	2016-12-15	2	2

✓ Query executed successfully.

DESKTOP-84RIHN



Object Explorer

Connect

- DESKTOP-84RIHN1\SQLEXPRESS (SQL)
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- Programmability
- Query Store
- Service Broker
- Storage
- Security
- Security
- Server Objects
- Replication
- Management
- Event Profiler

SQLQuery3.sql - DE...4RIHN1\savit (55))

```
--what is the total amount of each customer spent on zomato?  
select a.userid,a.product_id,b.price from sales a inner join product b on a.product_id=b.product_id;  
  
---total amount which are spent by the customers  
select a.userid,sum(b.price) total_amt_spent from sales a inner join product b on a.product_id=b.product_id  
group by a.userid  
  
---how many days has each customer visited zomato?  
select userid,count(distinct created_date) distinct_days from sales group by userid;  
  
---what was the first product purchased by each customer?  
select * from  
(select *,rank() over(partition by userid order by created_date) rnk from sales) a where rnk=1
```

70 %

Results Messages

	userid	created_date	product_id	rnk
1	1	2016-03-11	1	1
2	2	2017-09-24	1	1
3	3	2016-11-10	1	1

Query executed successfully.

DESKTOP-84RIHN1\SQLEXPRESS ... DESKTOP-84RIHN1\savit ... task 00:00:00

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SQL Explorer

SQL Server Enterprise Edition (64-bit) - SQL Server Express (SQL)

Databases

System Databases

Database Snapshots

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nyka

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Database Diagrams

Tables

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Graph Tables

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External Resources

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Programmability

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Service Broker

Storage

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Objects

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select a.userid,a.product_id,b.price from sales a inner join product b on a.product_id=b.product_id;
```

---total amount which are spent by the customers

```
select a.userid,sum(b.price) total_amt_spent from sales a inner join product b on a.product_id=b.product_id  
group by a.userid
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---how many days has each customer visited zomato?

```
select userid,count(distinct created_date) distinct_days from sales group by userid;
```

70 %

Results Messages

	userid	distinct_days
1	1	7
2	2	4
3	3	5



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