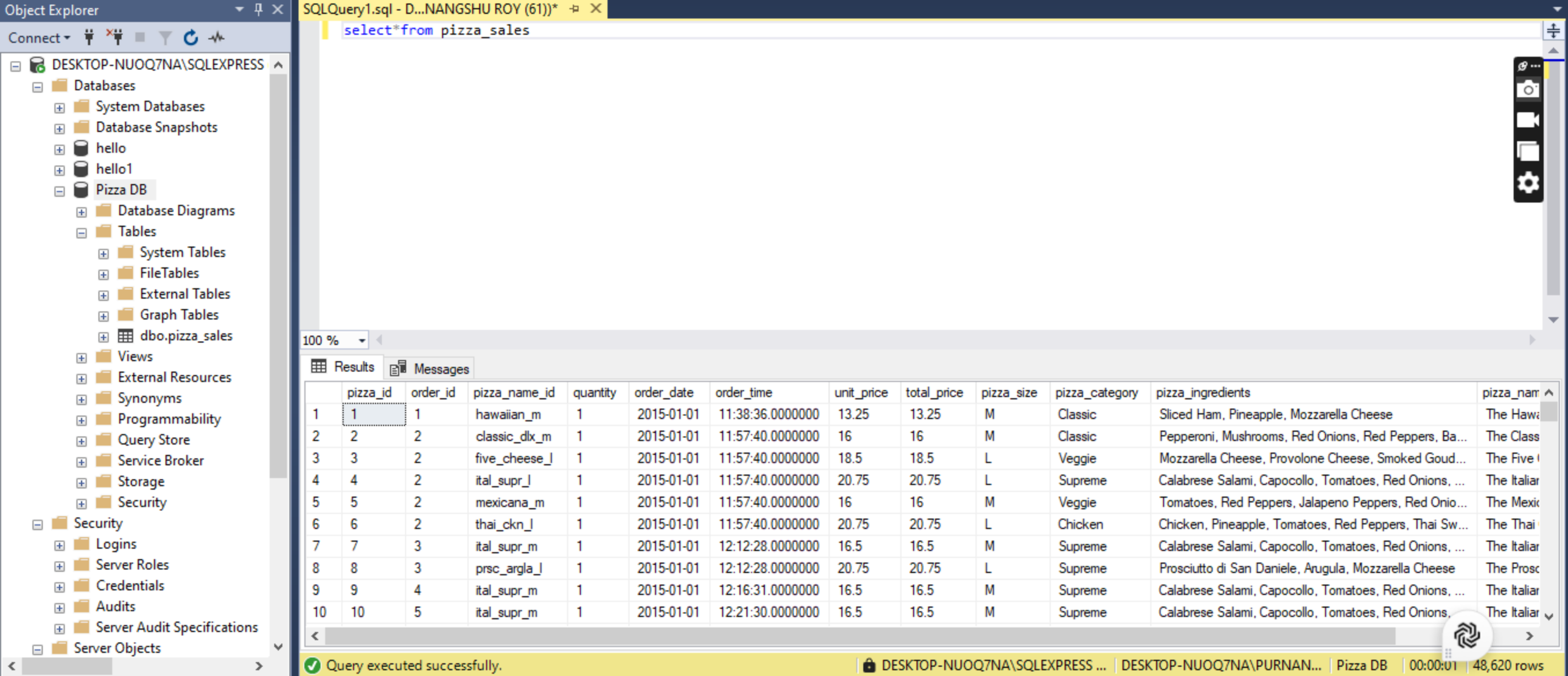
Object Explorer
Connect
DESKTOP-NUOQ7NA\SQLEXPRESS
Databases
System Databases
Database Snapshots
hello
hello1
Pizza DB
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
dbo.pizza_sales
Views
External Resources
Synonyms
Programmability
Query Store
Service Broker
Storage
Security
Security
Logins
Server Roles
Credentials
Audits
Server Audit Specifications
Server Objects
SQLQuery1.sql - D...NANGSHU ROY (61))*
select*from pizza_sales
100 %
Results
Messages
pizza_id order_id pizza_name_id quantity order_date order_time unit_price total_price pizza_size pizza_category pizza_ingredients pizza_nam
1 1 1 hawaiian_m 1 2015-01-01 11:38:36.0000000 13.25 13.25 M Classic Sliced Ham, Pineapple, Mozzarella Cheese The Hawa
2 2 2 classic_dlx_m 1 2015-01-01 11:57:40.0000000 16 16 M Classic Pepperoni, Mushrooms, Red Onions, Red Peppers, Ba... The Class
3 3 2 five_cheese_l 1 2015-01-01 11:57:40.0000000 18.5 18.5 L Veggie Mozzarella Cheese, Provolone Cheese, Smoked Goud... The Five
4 4 2 ital_supr_l 1 2015-01-01 11:57:40.0000000 20.75 20.75 L Supreme Calabrese Salami, Capocollo, Tomatoes, Red Onions, ... The Italiar
5 5 2 mexicana_m 1 2015-01-01 11:57:40.0000000 16 16 M Veggie Tomatoes, Red Peppers, Jalapeno Peppers, Red Onio... The Mexic
6 6 2 thai_ckn_l 1 2015-01-01 11:57:40.0000000 20.75 20.75 L Chicken Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sw... The Thai
7 7 3 ital_supr_m 1 2015-01-01 12:12:28.0000000 16.5 16.5 M Supreme Calabrese Salami, Capocollo, Tomatoes, Red Onions, ... The Italiar
8 8 3 prsc_argla_l 1 2015-01-01 12:12:28.0000000 20.75 20.75 L Supreme Prosciutto di San Daniele, Arugula, Mozzarella Cheese The Prosc
9 9 4 ital_supr_m 1 2015-01-01 12:16:31.0000000 16.5 16.5 M Supreme Calabrese Salami, Capocollo, Tomatoes, Red Onions, ... The Italiar
10 10 5 ital_supr_m 1 2015-01-01 12:21:30.0000000 16.5 16.5 M Supreme Calabrese Salami, Capocollo, Tomatoes, Red Onions, The Italiar
Query executed successfully.
DESKTOP-NUOQ7NA\SQLEXPRESS ...
DESKTOP-NUOQ7NA\PURNAN...
Pizza DB
00:00:01
48,620 rows

```sql
select*from pizza_sales;
SELECT SUM(total_price) As Total_Revenue from pizza_sales
```

Results | Messages

Total_Revenue
817860.05083847

```sql
select*from pizza_sales;
SELECT SUM(total_price) As Total_Revenue from pizza_sales;
SELECT SUM(total_price)/COUNT(DISTINCT order_id) as Avg_Order_Value from pizza_sales;
```

100 %

Results | Messages

	Avg_Order_Value
1	38.3072623343546

SQLQuery1.sql - D...NANGSHU ROY (61))*

```sql
select*from pizza_sales;
SELECT SUM(total_price) As Total_Revenue from pizza_sales;
SELECT SUM(total_price)/COUNT(DISTINCT order_id) as Avg_Order_Value from pizza_sales;
SELECT SUM(quantity)as Total_Pizza_Sold from pizza_sales;
SELECT COUNT(DISTINCT order_id) AS Total_orders from pizza_sales;
```

100 %

Results | Messages

	Total_orders
1	21350

SQLQuery1.sql - D...NANGSHU ROY (61))*

```sql
select*from pizza_sales;
SELECT SUM(total_price) As Total_Revenue from pizza_sales;
SELECT SUM(total_price)/COUNT(DISTINCT order_id) as Avg_Order_Value from pizza_sales;
SELECT SUM(quantity)as Total_Pizza_Sold from pizza_sales;
SELECT COUNT(DISTINCT order_id) AS Total_orders from pizza_sales;
SELECT SUM (quantity)/COUNT(DISTINCT order_id) from pizza_sales;
SELECT CAST(SUM(quantity)As decimal(10,2))/
CAST(COUNT(Distinct order_id) As decimal(10,2))from pizza_sales;
SELECT CAST(CAST(SUM(quantity)As decimal(10,2))/
CAST(COUNT(Distinct order_id) As decimal(10,2))As decimal(10,2))AS Avg_Pizzas_Per_Order from pizza_sales;
```

100 %

Results | Messages

	Avg_Pizzas_Per_Order
1	2.32

```sql
select*from pizza_sales;
SELECT SUM(total_price) As Total_Revenue from pizza_sales;
SELECT SUM(total_price)/COUNT(DISTINCT order_id) as Avg_Order_Value from pizza_sales;
SELECT SUM(quantity)as Total_Pizza_Sold from pizza_sales;
SELECT COUNT(DISTINCT order_id) AS Total_orders from pizza_sales;
SELECT SUM (quantity)/COUNT(DISTINCT order_id) from pizza_sales;
SELECT CAST(SUM(quantity)As decimal(10,2))/
CAST(COUNT(Distinct order_id) As decimal(10,2))from pizza_sales;
SELECT CAST(CAST(SUM(quantity)As decimal(10,2))/
CAST(COUNT(Distinct order_id) As decimal(10,2))As decimal(10,2))AS Avg_Pizzas_Per_Order from pizza_sales;
--DAILY TREND
SELECT DATENAME(DW, order_date)as order_day, COUNT(DISTINCT order_id)AS Total_orders from pizza_sales
GROUP BY DATENAME(DW,order_date);
```

100 %

Results | Messages

	order_day	Total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

SQLQuery1.sql - D...NANGSHU ROY (61))*

```sql
SELECT SUM(total_price) As Total_Revenue from pizza_sales;
SELECT SUM(total_price)/COUNT(DISTINCT order_id) as Avg_Order_Value from pizza_sales;
SELECT SUM(quantity)as Total_Pizza_Sold from pizza_sales;
SELECT COUNT(DISTINCT order_id) AS Total_orders from pizza_sales;
SELECT SUM (quantity)/COUNT(DISTINCT order_id) from pizza_sales;
SELECT CAST(SUM(quantity)As decimal(10,2))/
CAST(COUNT(Distinct order_id) As decimal(10,2))from pizza_sales;
SELECT CAST(CAST(SUM(quantity)As decimal(10,2))/
CAST(COUNT(Distinct order_id) As decimal(10,2))As decimal(10,2))AS Avg_Pizzas_Per_Order from pizza_sales;
--DAILY TREND
SELECT DATENAME(DW, order_date)as order_day, COUNT(DISTINCT order_id)AS Total_orders from pizza_sales
GROUP BY DATENAME(DW,order_date);
--HOURLY TREND
SELECT DATEPART(HOUR,order_time)AS order_hours, COUNT(DISTINCT order_id)AS Total_orders from pizza_sales
GROUP BY DATEPART (HOUR, order_time)
ORDER BY DATEPART (HOUR, order_time);
```

100 %

Results | Messages

	order_hours	Total_orders
1	9	1
2	10	8
3	11	1231
4	12	2520
5	13	2455
6	14	1472
7	15	1468
8	16	1920
9	17	2336
10	18	2399
11	19	2009

Query executed successfully. | DESKTOP-NUOQ7NA\SQLEXPRESS ... | DESKTOP-NUOQ7NA\PURNAN... | Pizza DB | 00:00:00 | 15 rows

```
CAST(COUNT(Distinct order_id) As decimal(10,2))As decimal(10,2))AS Avg_Pizzas_Per_Order from pizza_sales;
--DAILY TREND
SELECT DATENAME(DW, order_date)as order_day, COUNT(DISTINCT order_id)AS Total_orders from pizza_sales
GROUP BY DATENAME(DW,order_date);
--HOURLY TREND
SELECT DATEPART(HOUR,order_time)AS order_hours, COUNT(DISTINCT order_id)AS Total_orders from pizza_sales
GROUP BY DATEPART (HOUR, order_time)
ORDER BY DATEPART (HOUR, order_time);
SELECT pizza_category , sum(total_price)*100/(SELECT sum(total_price)from pizza_sales)AS PCT from pizza_sales
GROUP BY pizza_category;
SELECT pizza_category,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales) As PCT from pizza_sales
GROUP BY pizza_category;
```

100 %

Results | Messages

	pizza_category	Total_Sales	PCT
1	Classic	220053.100021362	26.9059602306976
2	Chicken	195919.5	23.9551375322885
3	Veggie	193690.451004028	23.6825910258677
4	Supreme	208196.99981308	25.4563112111462

```sql
GROUP BY pizza_category;
SELECT pizza_category,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales) As PCT from pizza_sales
GROUP BY pizza_category;
--In Case of January Month
SELECT pizza_category,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales WHERE month(order_date)=1) As PC
WHERE month(order_date)=1
GROUP BY pizza_category;
```

100 %

Results | Messages

	pizza_category	Total_Sales	PCT
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780348435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897867985821

SQLQuery1.sql - D...NANGSHU ROY (61))*

```
GROUP BY pizza_category;
SELECT pizza_category,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales) As PCT from pizza_sales
GROUP BY pizza_category;
--In Case of January Month
SELECT pizza_category,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales WHERE month(order_date)=1) As PC
WHERE month(order_date)=1
GROUP BY pizza_category;
SELECT pizza_size,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales) As PCT from pizza_sales
GROUP BY pizza_size;
```

100 %

Results | Messages

	pizza_size	Total_Sales	PCT
1	L	375318.701004028	45.8903330244889
2	XXL	1006.6000213623	0.123077294254725
3	M	249382.25	30.492044420599
4	XL	14076	1.72107684995364
5	S	178076.49981308	21.7734684107037

Query executed successfully. | DESKTOP-NUOQ7NA\SQLEXPRESS ... | DESKTOP-NUOQ7NA\PURNAN... | Pizza DB | 00:00:00 | 5 rows

SQLQuery1.sql - D...NANGSHU ROY (61))*

```sql
SELECT pizza_category , sum(total_price)*100/(SELECT sum(total_price)from pizza_sales)AS PCT from pizza_sales
GROUP BY pizza_category;
SELECT pizza_category,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales) As PCT from pizza_sales
GROUP BY pizza_category;
--In Case of January Month
SELECT pizza_category,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales WHERE month(order_date)=1) As PC
WHERE month(order_date)=1
GROUP BY pizza_category;
SELECT pizza_size,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales) As PCT from pizza_sales
GROUP BY pizza_size
ORDER BY PCT DESC;
SELECT pizza_size,sum(total_price)as Total_Sales, CAST (sum(total_price)*100/(SELECT sum(total_price)from pizza_sales)AS decimal(10,2)) As PCT from
GROUP BY pizza_size
ORDER BY PCT DESC;
```

100 %

Results | Messages

	pizza_size	Total_Sales	PCT
1	L	375318.701004028	45.89
2	M	249382.25	30.49
3	S	178076.49981308	21.77
4	XL	14076	1.72
5	XXL	1006.6000213623	0.12

Query executed successfully. | DESKTOP-NUOQ7NA\SQLEXPRESS ... | DESKTOP-NUOQ7NA\PURNAN... | Pizza DB | 00:00:00 | 5 rows

```
WHERE month(order_date)=1
GROUP BY pizza_category;
SELECT pizza_size,sum(total_price)as Total_Sales, sum(total_price)*100/(SELECT sum(total_price)from pizza_sales) As PCT from pizza_sales
GROUP BY pizza_size
ORDER BY PCT DESC;
SELECT pizza_size,CAST(sum(total_price) AS DECIMAL(10,2)) as Total_Sales, CAST(sum(total_price)*100/(SELECT sum(total_price)from pizza_sales)AS deci
GROUP BY pizza_size
ORDER BY PCT DESC;
SELECT pizza_size,CAST(sum(total_price) AS DECIMAL(10,2)) as Total_Sales, CAST(sum(total_price)*100/(SELECT sum(total_price)from pizza_sales WHERE D
WHERE DATEPART(quarter,order_date)=1
GROUP BY pizza_size
SELECT pizza_category, sum(quantity) as Total_Pizzas_Sold
from pizza_sales
GROUP by pizza_category
```

100 %

Results | Messages

	pizza_category	Total_Pizzas_Sold
1	Classic	14888
2	Chicken	11050
3	Veggie	11649
4	Supreme	11987

```
from pizza_sales
GROUP BY pizza_name
ORDER BY sum(quantity)ASC;
SELECT TOP 5 pizza_name,sum(quantity) as Total_pizzas_Sold
from pizza_sales
GROUP BY pizza_name
ORDER BY sum(quantity)ASC;
SELECT TOP 5 pizza_name,sum(quantity) as Total_pizzas_Sold
from pizza_sales
WHERE MONTH(order_date)=1
GROUP BY pizza_name
ORDER BY sum(quantity)ASC;
SELECT TOP 5 pizza_name,sum(quantity) as Total_pizzas_Sold
from pizza_sales
WHERE MONTH(order_date)=8
GROUP BY pizza_name
ORDER BY sum(quantity)ASC;
```

Results | Messages

	pizza_name	Total_pizzas_Sold
1	The Brie Carre Pizza	43
2	The Calabrese Pizza	73
3	The Mediterranean Pizza	77
4	The Italian Vegetables Pizza	78
5	The Soppressata Pizza	79

Query executed successfully. | DESKTOP-NUOQ7NA\SQLEXPRESS ... | DESKTOP-NUOQ7NA\PURNAN... | Pizza DB | 00:00:00 | 5 rows