

KPI

PIZZA SALE DATASET

SQLQuery1.sql - LAPTOP-A90F8B8\SQLSERVER\Pizza DB (LAPTOP-A90F8B8\HP-pc (55)) - Microsoft SQL Server Management Studio

Object Explorer: Connect to LAPTOP-A90F8B8\SQLSERVER (SQL Se) | Databases | System Databases | Database Snapshots | Pizza DB | Database Diagrams | Tables | System Tables | FileTables | External Tables | Graph Tables | dbo.pizza_sales | Columns | Keys | Constraints | Triggers | Indexes | Statistics | Views | External Resources | Synonyms | Programmability | Query Store | Service Broker | Storage | Security | Server Objects | Replication | Management | XEvent Profiler

SQLQuery1.sql - LA...0F8B8\HP-pc (55))

```
select * from pizza_sales
```

Results: 177 % | Messages

	pizza_id	order_id	pizza_name	quantity	order_date	order_time	unit_price	total_price	pizza_size	pizza_category	pizza_ingredients	pizza_name
1	1	1	hawaiian_m	1	2015-01-01	11:30:36.0000000	13.25	13.25	M	Classic	Steak Ham, Pineapple, Mozzarella Cheese	The Hawaiian Pizza
2	2	2	classic_dfn_m	1	2015-01-01	11:57:40.0000000	16	16	M	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, B...	The Classic Deluxe Pizza
3	3	2	five_cheese_j	1	2015-01-01	11:57:40.0000000	18.5	18.5	L	Veggie	Mozzarella Cheese, Prolonged Cheese, Smoked Goud...	The Five Cheese Pizza
4	4	2	ital_supr_j	1	2015-01-01	11:57:40.0000000	20.75	20.75	L	Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, ...	The Italian Supreme Pizza
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 Mexicana Pizza
6	6	2	ital_dfn_j	1	2015-01-01	11:57:40.0000000	20.75	20.75	L	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Be...	The Thai Chicken Pizza
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 Italian Supreme Pizza
8	8	3	prosci_argula_j	1	2015-01-01	12:12:28.0000000	20.75	20.75	L	Supreme	Prosciutto di San Daniele, Arugula, Mozzarella Cheese	The Prosciutto and Arugula Pizza
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 Italian Supreme Pizza
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 Italian Supreme Pizza
11	11	6	bbq_chn_s	1	2015-01-01	12:29:36.0000000	12.75	12.75	S	Chicken	Barbecued Chicken, Red Peppers, Green Peppers, To...	The Barbecue Chicken Pizza
12	12	6	the_greek_s	1	2015-01-01	12:29:36.0000000	12	12	S	Classic	Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef...	The Greek Pizza
13	13	7	spinach_supr_s	1	2015-01-01	12:50:37.0000000	12.5	12.5	S	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichoke...	The Spinach Supreme Pizza
14	14	8	spinach_supr_s	1	2015-01-01	12:51:37.0000000	12.5	12.5	S	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichoke...	The Spinach Supreme Pizza
15	15	9	classic_dfn_s	1	2015-01-01	12:52:01.0000000	12	12	S	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, B...	The Classic Deluxe Pizza
16	16	9	green_garden_s	1	2015-01-01	12:52:01.0000000	12	12	S	Veggie	Spinach, Mushrooms, Tomatoes, Green Olives, Feta C...	The Green Garden Pizza

Query executed successfully.

LAPTOP-A90F8B8\SQLSERVER ... LAPTOP-A90F8B8\HP-pc ... Pizza DB 00:00:01 48,620 rows

1. Total Revenue

```
select sum(total_price) as Total_Revenue from pizza_sales
```

SQLQuery1.sql - LA...0FI8H8\HP-pc (55))*

```
select sum(total_price) as Total_Revenue from pizza_sales
```

146 %

Results Messages

	Total_Revenue
1	817860.05083847

2. Average Order Value

```
select sum(total_price)/ count (distinct order_id) as  
Avg_OrderValue from pizza_sales
```

SQLQuery1.sql - LA...0FI8H8\HP-pc (55))*

```
Select * from pizza_sales  
select sum(total_price)/ count (distinct order_id) as Avg_OrderValue from pizza_sales
```

161 %

Results Messages

	Avg_OrderValue
1	38.3072623343546

3. Total Pizza Sold

```
Select sum (quantity) as Total_Sold_Pizza from pizza_sales
```

SQLQuery1.sql - LA...0FI8H8\HP-pc (55))*

```
Select sum (quantity) as Total_Sold_Pizza from pizza_sales
```

161 %

Results Messages

	Total_Sold_Pizza
1	49574

4. Total order

```
select count (distinct order_id) as Total_Order  
from pizza_sales
```

SQLQuery1.sql - LA...0FI8H8\HP-pc (55))*

```
select count (distinct order_id) as Total_Order from pizza_sales
```

161 %

Results Messages

	Total_Order
1	21350

5. Average pizzas per Order

```
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
```

The screenshot shows a SQL query window with the following text:

```
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
```

Below the query window, the 'Results' tab is active, displaying a single row of data:

Avg_Pizzas_Per_Order
2.32

6. Total Order per Day

```
select datename(dw, order_date) as Order_day,  
count(distinct order_id) as Total_order  
from pizza_sales  
group by datename(dw, order_date)
```

The screenshot shows a SQL query window with the following text:

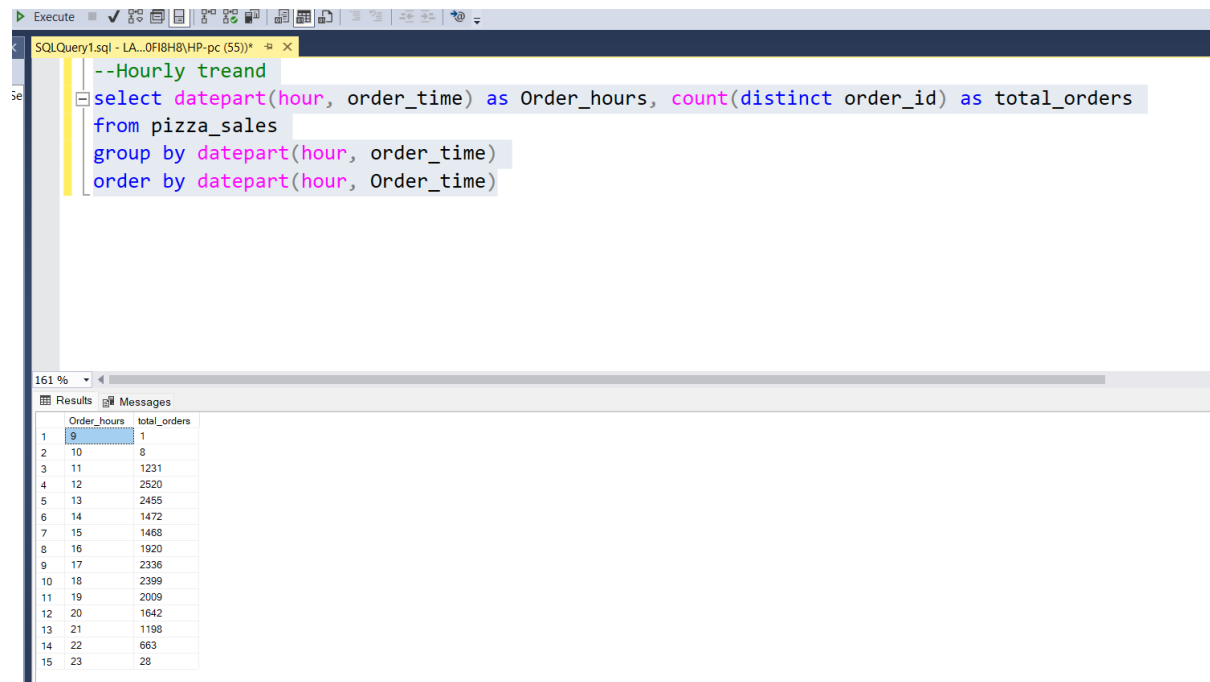
```
select datename(dw, order_date) as Order_day,  
count(distinct order_id) as Total_order  
from pizza_sales  
group by datename(dw, order_date)
```

Below the query window, the 'Results' tab is active, displaying a table with two columns: 'Order_day' and 'Total_order'.

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

7. Hourly Treand

```
--Hourly treand
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)
```



The screenshot shows the SQL Server Enterprise Manager interface. The SQL editor at the top contains the query for the hourly trend. The Results pane at the bottom displays the output of the query, which is a table with two columns: Order_hours and total_orders. The data shows the number of distinct orders for each hour of the day.

Order_hours	total_orders
9	1
10	8
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28

8. Sale By Pizza category total sale and percentage of sale

```
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 PCT
from pizza_sales
where month(order_date)=1
group by pizza_category
```

SQLQuery1.sql - LA...OFI8H8\HP-pc (55)*

```

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 PCT
from pizza_sales
where month(order_date)=1
group by pizza_category

```

177 %

Results Messages

	pizza_category	Total_sales	PCT
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780349435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897867985821

9. Total Piza sale by size

```

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
datepart(quarter,
order_date)=1) as decimal (10,2))as PCT
from pizza_sales
where datepart(quarter, order_date)=1
group by pizza_size
order by PCT desc

```

SQLQuery1.sql - LA...OFI8H8\HP-pc (55)*

```

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 datepart(quarter,
order_date)=1) as decimal (10,2))as PCT
from pizza_sales
where datepart(quarter, order_date)=1
group by pizza_size
order by PCT desc

```

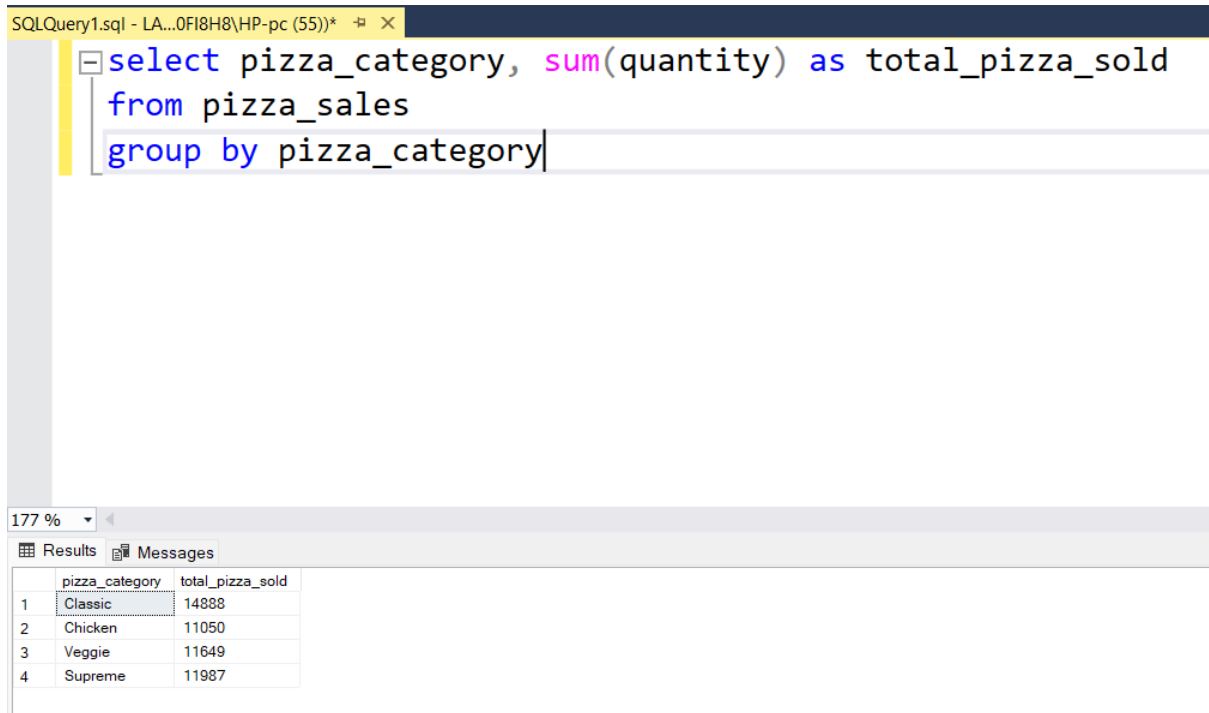
177 %

Results Messages

	pizza_size	Total_sales	PCT
1	L	95229.65	46.37
2	M	61159.00	29.78
3	S	45384.25	22.10
4	XL	3289.50	1.60
5	XXL	287.60	0.14

9. Total pizza sold by category

```
select pizza_category, sum(quantity) as  
total_pizza_sold  
from pizza_sales  
group by pizza_category
```



The screenshot shows a SQL query window with the following text:

```
select pizza_category, sum(quantity) as total_pizza_sold  
from pizza_sales  
group by pizza_category
```

Below the query window, the 'Results' tab is active, displaying a table with the following data:

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

10. Top 5 best Pizza sale

```
select top 5 pizza_name, sum(quantity) as total_pizza_sold  
from pizza_sales  
group by pizza_name  
order by sum(quantity) desc
```

SQLQuery1.sql - LA...0F18H8\HP-pc (55))*

```
select top 5 pizza_name, sum(quantity) as total_pizza_sold
from pizza_sales
group by pizza_name
order by sum(quantity) desc
```

177 %

Results Messages

	pizza_name	total_pizza_sold
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

11. Bottom 5 best pizza sale

```
select top 5 pizza_name, sum(quantity) as total_pizza_sold
from pizza_sales
where month(order_date)=1
group by pizza_name
order by sum(quantity) ASC
```

SQLQuery1.sql - LA...0F18H8\HP-pc (55))*

```
select top 5 pizza_name, sum(quantity) as total_pizza_sold
from pizza_sales
where month(order_date)=1
group by pizza_name
order by sum(quantity) ASC
```

177 %

Results Messages

	pizza_name	total_pizza_sold
1	The Brie Carre Pizza	35
2	The Calabrese Pizza	67
3	The Mediterranean Pizza	68
4	The Green Garden Pizza	75
5	The Chicken Pesto Pizza	77