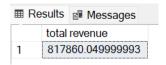# PIZZA SALES IN SQL QUERIES

--create table

```sql
create table pizza_sales(
pizza_id int,
order_id int,
pizza_name_id varchar(20),
quantity int,
order_date  date,
order_time time,
unit_price float,
total_price float,
pizza_size text,
pizza_category text,
pizza_name varchar(100),
pizza_ingredients  varchar(500)
);
```

--import data in sql

```sql
BULK INSERT pizza_sales
FROM 'C:\Users\lenovo\Downloads\pizza_sales1.csv'
WITH
(
    FIELDTERMINATOR = ',',
    ROWTERMINATOR = '\n',
    FIRSTROW = 2
);


select *from pizza_sales
```

--1.Total Revenue

```sql
select sum(total_price) as 'total revenue 'from pizza_sales
```

	total revenue
1	817860.049999993

--2.Avg order value

```sql
select sum(total_price) /count(distinct order_id) as 'Avg order value'
from pizza_sales
```

	Avg order value
1	38.3072622950816

--3. Total Pizzas Sold

```sql
SELECT SUM(quantity) AS Total_pizza_sold FROM pizza_sales
```

	Total_pizza_sold
1	49574

--4. Total Orders

```sql
SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales
```

	Total_Orders
1	21350

--5. Average Pizzas Per Order

```sql
SELECT round(SUM(cast(quantity AS float))/
COUNT(DISTINCT order_id),2)
AS Avg_Pizzas_per_order
FROM pizza_sales
```

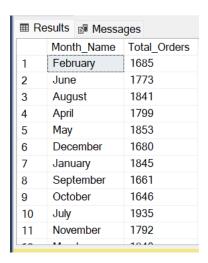|	Avg_Pizzas_per_order
1	2.32

--6. Daily Trend for Total Orders

```sql
SELECT DATENAME(DW, order_date) AS order_day, COUNT(DISTINCT order_id) AS
total_orders
FROM pizza_sales GROUP BY DATENAME(DW, order_date)
```

	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

--7. Monthly Trend for Orders

```sql
select DATENAME(MONTH, order_date) as Month_Name, COUNT(DISTINCT order_id)
as Total_Orders
from pizza_sales GROUP BY DATENAME(MONTH, order_date)
```

	Month_Name	Total_Orders
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792

--8. % of Sales by Pizza Category

```sql
SELECT  pizza_Category,
(SUM(total_Price) / (SELECT SUM(total_Price) FROM Pizza_sales)) * 100 AS
PercentageOfSales
```

```sql
FROM  Pizza_sales GROUP BY  pizza_Category;
```

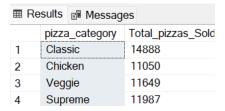|	pizza_Category	PercentageOfSales
1	Classic	26.9059602556699
2	Chicken	23.9551375568475
3	Veggie	23.6825909273848
4	Supreme	25.4563112600988

--9. % of Sales by Pizza Size

```sql
select pizza_size ,(sum(total_price)/(select sum(total_price) from
pizza_sales ))*100 as PercentageOfSales
from pizza_sales group by pizza_size;
```

	pizza_size	PercentageOfSales
1	L	45.8903329487743
2	XXL	0.123077291768929
3	M	30.4920444518597
4	XL	1.72107685171811
5	S	21.7734684558807

--10. Total Pizzas Sold by Pizza Category

```sql
SELECT pizza_category, SUM(quantity) as Total_pizzas_Sold
FROM pizza_sales GROUP BY pizza_category
```

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

--11. Top 5 Pizzas by Revenue

```sql
select top 5  pizza_name ,sum(total_price) as 'revenue' from pizza_sales
group by pizza_name order by revenue desc;
```

	pizza_name	revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

--12. Bottom 5 Pizzas by Revenue

```
select top 5  pizza_name ,sum(total_price) as 'revenue' from pizza_sales
group by pizza_name order by revenue asc;
```

	pizza_name	revenue
1	The Brie Carre Pizza	11588.4999999999
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

--13. Top 5 Pizzas by Quantity

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

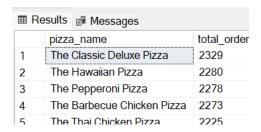|	pizza_name	quantity
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

--14. Bottom 5 Pizzas by Quantity

```
select top 5 pizza_name ,sum(quantity) as 'quantity' from pizza_sales
group by pizza_name order by quantity asc;
```

	pizza_name	quantity
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

--15. Top 5 Pizzas by Total Orders

```sql
select top 5 pizza_name ,count(distinct order_id) as 'total_order' from
pizza_sales group by pizza_name order by total_order desc;
```

	pizza_name	total_order
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

--16. Borrom 5 Pizzas by Total Orders

```sql
SELECT Top 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales GROUP BY pizza_name ORDER BY Total_Orders ASC;
```

	pizza_name	Total_Orders
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938