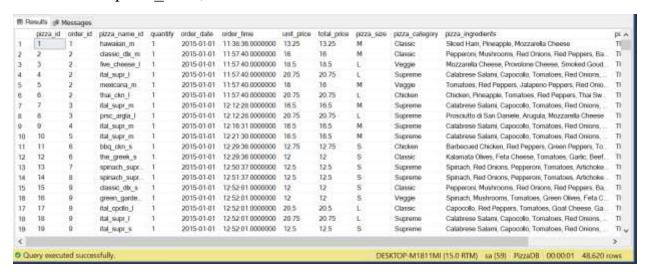
#### **PIZZA SALES SQL QUERIES**

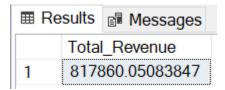
#### select \* from pizza sales;



### A- KPI's

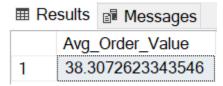
#### 1- Total Revenue:

select sum(total\_price) as Total\_Revenue from pizza\_sales;



#### 2- Average Order Value

select sum(total\_price) / count(distinct order\_id) as Avg\_Order\_Value
from pizza\_sales;



#### 3- Total Pizza Sold

select sum(quantity) as Total\_Pizza\_Sold

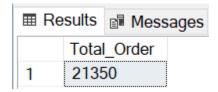
from pizza\_sales;



## 4- Total Order

select count(distinct order\_id) as Total\_Order

from pizza\_sales;



### 5- Average Pizza 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 Average\_Pizza\_Per\_Order

from pizza\_sales;



## **B- Chart Requirements**

### 1- Daily Trends for Total orders

select DATENAME(DW, order\_date) as order\_day, count(distinct order\_id) as Total Order

from pizza\_sales

group by DATENAME(DW, order date);

■ Results			
	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	

### 2- Hourly Trends for Total Orders

select DATEPART(hour, order\_time) as Order\_Hours, count(distinct order\_id) as Total order

from pizza\_sales

group by DATEPART(hour, order\_time)

order by DATEPART(hour, order\_time);

■ Results		
	Order_Hours	Total_order
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
12	20	1642
13	21	1198
14	22	663
15	23	28

## 3- Percentage of Sales by Pizza Category

```
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 Percentage_Total_Sales
from pizza_sales as Total_Sales
where MONTH(order_date) = 1
group by pizza_category;
```

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

#### 4- Percentage of Sales by Pizza 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) as decimal(10,2)) as Percentage\_Total\_Sales

from pizza\_sales as Total\_Sales

group by pizza\_size

order by Percentage Total Sales desc;

■ Results			
	pizza_size	Total_Sales	Percentage_Total_Sales
1	L	375318.70	45.89
2	M	249382.25	30.49
3	S	178076.50	21.77
4	XL	14076.00	1.72
5	XXL	1006.60	0.12

## 5- Total Pizza Sold by Pizza Category

select pizza\_category, sum(quantity) as Total\_Pizza\_Sold from pizza\_sales group by pizza\_category;

■ Results			
	pizza	_category	Total_Pizza_Sold
1	Class	sic	14888
2	Chic	ken	11050
3	Veg	gie	11649
4	Supr	reme	11987

## 6- Top 5 Best Seller by Total Pizza Sold

select top 5 pizza\_name, sum(quantity) as Total\_Pizza\_Sold from pizza\_sales group by pizza\_name order by Total\_Pizza\_Sold desc;

■ Results			
	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	
4	The Pepperoni Pizza	2418	

# 7- Bottom 5 Worst Seller by Total Pizza Sold

select top 5 pizza\_name, sum(quantity) as Total\_Pizza\_Sold from pizza\_sales group by pizza\_name order by Total\_Pizza\_Sold;

⊞ R	esults Messages	
	pizza_name	Total_Pizza_Sold
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizz	za 950
5	The Soppressata Pizza	961