# PIZZA SALES SQL QUERIES

### A. KPI's

### 1. Total Revenue:

**SELECT** 

SUM(total\_price) AS Total\_Revenue

**FROM** 

pizza sales;



## 2. Average Order Value

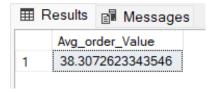
**SELECT** 

SUM(total price) / COUNT(DISTINCT order id) AS avg order value

**FROM** 

pizza\_sales;

**RESULT:** 



### 3. Total Pizzas Sold

**SELECT** 

SUM(quantity) AS Total\_pizza\_sold

**FROM** 

pizza sales;



### 4. Total Orders

```
SELECT
```

COUNT(DISTINCT order\_id) AS Total\_orders

**FROM** 

pizza\_sales;

#### OUTPUT:



## 5. Average Pizzas Per Order

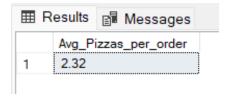
**SELECT** 

SUM(quantity) / COUNT(DISTINCT order\_id) AS avg\_pizzas\_per\_order

**FROM** 

pizza\_sales;

#### **OUTPUT:**



### **B. Daily Trend for Total Orders**

**SELECT** 

DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

**FROM** 

pizza\_sales

GROUP BY DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'))

ORDER BY DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));

### Output:

⊞ R	esults 🗐 Me	essages
	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

### C. Monthly Trend for Orders

**SELECT** 

MONTHNAME((order\_date)) AS month\_name, COUNT(DISTINCT order\_id) AS total\_orders

FROM

pizza\_sales

GROUP BY MONTHNAME((order date))

ORDER BY total orders DESC;

#### **OUTPUT:**

		-
	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
12	March	1840

## D. % 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

FROM

pizza_sales

WHERE

MONTH(order_date) = 1

GROUP BY pizza_category;
```

### OUTPUT:

⊞ F	Results 🗐 Mess	sages	
	pizza_category	total_revenue	PCT
1	Classic	220053.10	26.91
2	Chicken	195919.50	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197.00	25.46

## G. Top 5 Pizzas by Revenue

select pizza\_name,sum(total\_price) as Total\_Revenue from pizza\_sales group by pizza\_name order by Total\_Revenue desc limit 5;

### OUTPUT:

	Results Messages	
	pizza_name	Total_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

#### H. Bottom 5 Pizzas by Revenue

select pizza\_name,sum(total\_price) as Total\_Revenue from pizza\_sales group by pizza\_name order by Total\_Revenue\_limit 5;

#### **OUTPUT**:

	pizza_name	Total_Revenue
1	The Brie Carre Pizza	11588.4998130798
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

#### I. Top 5 Pizzas by Quantity

select pizza\_name,sum(quantity) as Total\_quantity from pizza\_sales group by pizza\_name order by Total\_quantity desc limit 5;
Output:

	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

#### J. Bottom 5 Pizzas by Quantity

select pizza\_name,sum(quantity) as Total\_quantity from pizza\_sales group by pizza\_name order by Total\_quantity limit 5;
OUTPUT:

#### ⊞ Results Messages Total\_Pizza\_Sold pizza\_name 1 The Brie Carre Pizza 490 The Mediterranean Pizza 934 2 The Calabrese Pizza 3 937 The Spinach Supreme Pizza 950 4 The Soppressata Pizza 961 5

### K. Top 5 Pizzas by Total Orders

select pizza\_name,count( distinct order\_id ) as Total\_orders from pizza\_sales group by pizza\_name order by Total\_orders desc limit 5;

### OUTPUT:

⊞ F	Results 🗐 Messages	
	pizza_name	Total_Orders
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

### L. Borrom 5 Pizzas by Total Orders

#### OUTPUT:

	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