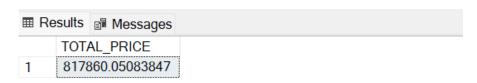
# **PIZZA SALES QUERIES**

#### A.KPI'S

# 1 Total Revenue:

SELECT sum(total\_price) AS Total\_Price FROM pizza\_sales;



#### 2. Average Order Value:

```
SELECT SUM(total_price)/(COUNT(Distinct order_id))
AS Average_order_value FROM pizza_sales;

Results Messages

Average_order_value

1 38.3072623343546
```

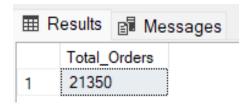
#### 3. Total Pizzas Sold:

SELECT SUM(quantity) AS Total\_Pizza\_Sold FROM pizza\_sales;



#### **4.Total Orders:**

```
SELECT COUNT(order_id)
AS Total_orders
FROM pizza_sales
```



# 5. Average Pizzas Per Order(cast function is used for converting numeric to string data types):

```
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;
```

	Results Messages
	Avg_Pizzas_per_order
1	2.32

## A. Daily Trend 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)
order by Total_orders;
```



## **B.** Monthly Trend for Orders

```
SELECT DATENAME(month,order_date) AS Order_month ,
COUNT(DISTINCT order_id) AS Total_orders
FROM pizza_sales
group by DATENAME(month,order_date);
```

	Order_month	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

Poculte = Massage

# C. % of Sales by Pizza Category

```
SELECT pizza_category, CAST(SUM(total_price) AS DECIMAL) AS
Total_revenue,
CAST(SUM(total_price)*100/(SELECT SUM(total_price) from pizza_sales)
AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
group by pizza_category;
```

ш г	results an Messag	es		
	pizza_category	Total_revenue	PCT	
1	Classic	220053	26.91	
2	Chicken	195920	23.96	
3	Veggie	193690	23.68	
4	Supreme	208197	25.46	

## D. % of Sales by Pizza Size

```
SELECT pizza_size,
CAST(SUM(total_price) AS DECIMAL)AS Total_revenue,
CAST(SUM(total_price) AS DECIMAL) AS PCT
FROM pizza_sales
group by pizza_size
order by pizza_size;
```

■ Results			
	pizza_size	total_revenue	PCT
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

# **E.** Total Pizzas Sold by Pizza Category

```
SELECT pizza_category,
SUM(quantity)AS Total_pizza_sold
FROM pizza_sales
group by pizza_category
order by Total_pizza_sold desc;
```

# 

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

## F. Top 5 Pizzas by Revenue

```
SELECT TOP 5 pizza_name,

SUM(total_price) AS Total_Revenue

FROM pizza_sales

group bypizza_name

order by Total_Revenue desc;
```

# 

	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

# G. **Bottom 5 Pizzas by Revenue**

```
SELECT TOP 5 pizza_name,
SUM(total_price) AS Total_Revenue
FROM pizza_sales
group by pizza_name
order by Total_Revenue asc;
```

### ■ Results Messages

	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

# H. Top 5 Pizzas by Quantity

```
SELECT TOP 5 pizza_name,
SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
group by pizza_name
order by Total_Pizza_Sold desc;
```

#### 

	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

# I. Bottom 5 Pizzas by Quantity

```
SELECT TOP 5 pizza_name,
SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
group by pizza_name
order by Total_Pizza_Sold asc;
```

# 

	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 Pizza	950
5	The Soppressata Pizza	961

# J. Top 5 Pizzas by Total Orders

```
SELECT TOP 5 pizza_name,

COUNT(DISTINCT order_id) AS Total_orders

FROM pizza_sales

group by pizza_name

order by Total_orders desc;
```

# 

	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

# **K. Bottom 5 Pizzas by Total Orders**

```
SELECT TOP 5 pizza_name,

COUNT(DISTINCT order_id) AS Total_orders

FROM pizza_sales

group by pizza_name

order by Total_orders desc;
```

# 

	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

# L. Top 5 Pizzas by Pizza Category

```
SELECT TOP 5 pizza_name,

COUNT(DISTINCT order_id) AS Total_orders

FROM pizza_sales

where pizza_category='Classic'

group by pizza_name

order by Total_orders asc;
```

# ■ Results Messages

	pizza_name	Total_orders
1	The Pepperoni, Mushroom, and Peppers Pizza	1316
2	The Greek Pizza	1361
3	The Italian Capocollo Pizza	1380
4	The Napolitana Pizza	1421
5	The Big Meat Pizza	1811

# M. Top 5 Pizzas by Pizza Size

```
SELECT TOP 5 pizza_name,

COUNT(DISTINCT order_id) AS Total_orders

FROM pizza_sales

where pizza_size='M'

group by pizza_name

order by Total_orders asc;
```

■ Results		
	pizza_name	Total_orders
1	The Spinach Supreme Pizza	266
2	The Soppressata Pizza	268
3	The Mediterranean Pizza	271
4	The Chicken Pesto Pizza	274
5	The Greek Pizza	279