

# Dominos Pizza Sales

## SQL Queries

### A) KPI's

#### 1. Total Revenue

```
SELECT SUM(total_price) AS Total_Revenue  
FROM pizza;
```

Data Output			Messages	Notifications
		total_revenue	double precision	
1		817860.0499999928		

#### 2. Average Order Value

```
SELECT SUM(total_price)/COUNT(DISTINCT(order_id)) AS Avg_Order_value  
FROM pizza;
```

Data Output			Messages	Notifications
		avg_order_value	double precision	
1		38.307262295081635		

#### 3. Total Pizzas Sold

```
SELECT SUM(quantity) AS Total_Pizzas_Sold  
FROM pizza;
```

Data Output			Messages	Notifications
		total_pizzas_sold	bigint	
1		49574		

#### 4. Total Orders

```
SELECT COUNT(DISTINCT(order_id)) AS Total_Orders  
FROM pizza;
```

Data Output Messages Notifications		
	total_orders bigint	locked
1	21350	

#### 5. Average Price 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;
```

Data Output Messages Notifications		
	avg_pizzas_per_order numeric (10,2)	locked
1	2.32	

### B) Chart Requirements

#### 1. Daily trend for total Orders

```
SELECT  
TO_CHAR(order_date,'DAY') AS Order_day, COUNT(DISTINCT(order_id)) AS  
Total_Orders  
FROM pizza  
GROUP BY 1;
```

Data Output Messages Notifications		
	order_day text	locked
1	FRIDAY	3538
2	MONDAY	2794
3	SATURDAY	3158
4	SUNDAY	2624
5	THURSDAY	3239
6	TUESDAY	2973
7	WEDNESD...	3024

## 2. Monthly trend for total orders

```
SELECT
TO_CHAR(order_date,'MONTH') AS Order_Month, COUNT(DISTINCT(order_id)) AS
Total_Orders
FROM pizza
GROUP BY 1;
```

The screenshot shows a database interface with tabs for Data Output, Messages, and Notifications. Below the tabs is a toolbar with various icons. The main area displays a table with two columns: 'order\_day' (text) and 'total\_orders' (bigint). The data shows monthly totals from January to December.

	order_day	total_orders
1	APRIL	1799
2	AUGUST	1841
3	DECEMBER	1680
4	FEBRUARY	1685
5	JANUARY	1845
6	JULY	1935
7	JUNE	1773
8	MARCH	1840
9	MAY	1853
10	NOVEMBER	1792
11	OCTOBER	1646
12	SEPTEMB...	1661

## 3. Percentage of sales by pizza category

```
SELECT pizza_category,SUM(total_price) * 100 / (SELECT SUM(total_price) FROM
pizza) AS Percentage_Sales
FROM pizza
GROUP BY 1;
```

The screenshot shows a database interface with tabs for Data Output, Messages, and Notifications. Below the tabs is a toolbar with various icons. The main area displays a table with two columns: 'pizza\_category' (character varying (50)) and 'percentage\_sales' (double precision). The data shows the percentage of sales for four categories: Supreme, Chicken, Veggie, and Classic.

	pizza_category	percentage_sales
1	Supreme	25.456311260098843
2	Chicken	23.955137556847497
3	Veggie	23.682590927384787
4	Classic	26.905960255669903

#### 4. Percentage of sales by pizza size

```
SELECT
pizza_size, CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza) AS
DECIMAL(10,2))
AS Percentage_Sales
FROM pizza
GROUP BY 1;
```

Data Output Messages Notifications		
	pizza_size character varying (10)	percentage_sales numeric (10,2)
1	S	21.77
2	XXL	0.12
3	XL	1.72
4	M	30.49
5	L	45.89

#### 5. Total pizzas sold by pizza category

```
SELECT
pizza_category,COUNT(DISTINCT(order_id)) AS Total_Pizzas_Sold
FROM pizza
GROUP BY 1;
```

Data Output Messages Notifications		
	pizza_category character varying (50)	total_pizzas_sold bigint
1	Chicken	8536
2	Classic	10859
3	Supreme	9085
4	Veggie	8941

## 6. Top 5 best sellers

### By total revenue

```
SELECT pizza_name, SUM(total_price) AS total_revenue FROM pizza
GROUP BY 1
ORDER BY 2 DESC
LIMIT 5;
```

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

### Total quantity

```
SELECT pizza_name, SUM(quantity) AS total_quantity FROM pizza
GROUP BY 1
ORDER BY 2 DESC
LIMIT 5;
```

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

### Total orders

```
SELECT pizza_name, COUNT(DISTINCT(order_id)) AS total_orders FROM pizza
GROUP BY 1
ORDER BY 2 DESC
LIMIT 5;
```

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

## 7. Bottom 5 best

### By total Revenue

```
SELECT pizza_name, SUM(total_price) AS total_revenue FROM pizza
GROUP BY 1
ORDER BY 2 ASC
LIMIT 5;
```

Data Output Messages Notifications		
	pizza_name character varying (100)	total_revenue double precision
1	The Brie Carre Pizza	11588.4999999999
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Piz...	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

### By Total quantity

```
SELECT pizza_name, SUM(quantity) AS total_quantity FROM pizza
GROUP BY 1
ORDER BY 2 ASC
LIMIT 5;
```

Data Output Messages Notifications		
	pizza_name character varying (100)	total_quantity bigint
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Piz...	950
5	The Soppressata Pizza	961

### By total orders

```
SELECT pizza_name, COUNT(DISTINCT(order_id)) AS total_orders FROM pizza
GROUP BY 1
ORDER BY 2 ASC
LIMIT 5;
```

Data Output Messages Notifications		
	pizza_name character varying (100)	total_orders bigint
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Calabrese Pizza	918
4	The Spinach Supreme Piz...	918
5	The Chicken Pesto Pizza	938

