

MySQL and Power Bi Project

Pizza Sales Report With Both SQL Code And Output

Total Revenue:

```
SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales_dataset
```

	Total_Revenue
▶	817860.05

Average Order Value:

```
SELECT SUM(total_price) / COUNT(DISTINCT order_id)
```

```
AS Avg_Order_Value
```

```
FROM pizza_sales_dataset
```

	Avg_Order_Value
▶	38.307262

Total Pizzas Sold:

```
SELECT SUM(quantity)
```

```
AS Total_Pizzas_Sold
```

```
FROM pizza_sales_dataset
```

	Total_Pizzas_Sold
▶	49574

Total Orders:

```
SELECT COUNT(DISTINCT order_id)
```

```
AS Total_Orders
```

```
FROM pizza_sales_dataset
```

	Total_Orders
▶	21350

Average Pizza Per Order:

```
SELECT CAST((SUM(quantity) / COUNT(DISTINCT order_id)) AS DECIMAL(4,2))
```

```
AS Avg_Pizza_Per_Order
```

```
FROM pizza_sales_dataset
```

	Avg_Pizza_Per_Order
▶	2.32

Total Pizzas Sold:

```
SELECT SUM(quantity)
```

```
AS Total_Pizzas_Sold
```

```
FROM pizza_sales_dataset
```

	Total_Pizzas_Sold
►	49574

Day-wise Total Orders Report:

```
SELECT DAYNAME(order_date) AS order_day,
```

```
COUNT(DISTINCT order_id) AS Total_orders
```

```
FROM pizza_sales_dataset
```

```
GROUP BY DAYNAME(order_date)
```

```
ORDER BY Total_orders DESC
```

	order_day	Total_orders
►	Friday	3538
	Thursday	3239
	Saturday	3158
	Wednesday	3024
	Tuesday	2973
	Monday	2794
	Sunday	2624

Month-wise Total Orders Report:

```
SELECT MONTHNAME(order_date) AS order_day,
```

```
COUNT(DISTINCT order_id) AS Total_orders
```

```
FROM pizza_sales_dataset
```

```
GROUP BY MONTHNAME(order_date)
```

```
ORDER BY total_orders DESC
```

	order_day	Total_orders
►	July	1935
	May	1853
	January	1845
	August	1841
	March	1840
	April	1799
	November	1792
	June	1773
	February	1685
	December	1680
	September	1661
	October	1646

Pizza Category-wise Report:

```
SELECT pizza_category,  
       SUM(total_price) AS total_sales,  
       CAST(SUM(total_price) *100 / (SELECT SUM(total_price) FROM pizza_sales_dataset) AS  
DECIMAL(4,2)) AS "total_sales (in %)"  
FROM pizza_sales_dataset  
GROUP BY pizza_category  
ORDER BY total_sales DESC
```

	pizza_category	total_sales	total_sales (in %)
▶	Classic	220053.10	26.91
	Supreme	208197.00	25.46
	Chicken	195919.50	23.96
	Veggie	193690.45	23.68

Pizza Size-wise Report:

```
SELECT pizza_size,  
       SUM(total_price) AS total_sales,  
       CAST(SUM(total_price) *100 / (SELECT SUM(total_price) FROM pizza_sales_dataset) AS  
DECIMAL(4,2)) AS "total_sales (in %)"  
FROM pizza_sales_dataset  
GROUP BY pizza_size  
ORDER BY total_sales DESC
```

	pizza_size	total_sales	total_sales (in %)
▶	L	375318.70	45.89
	M	249382.25	30.49
	S	178076.50	21.77
	XL	14076.00	1.72
	XXL	1006.60	0.12

Total Pizzas Sold By Category:

```
SELECT pizza_category,  
       SUM(quantity) AS total_pizzas  
FROM pizza_sales_dataset  
GROUP BY pizza_category  
ORDER BY total_pizzas DESC
```

	pizza_category	total_pizzas
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050

Top 5 Pizzas By Revenue:

SELECT pizza_name, SUM(total_price) **AS** price **FROM** pizza_sales_dataset

GROUP BY pizza_name

ORDER BY price **DESC**

LIMIT 5

	pizza_name	price
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768.00
	The California Chicken Pizza	41409.50
	The Classic Deluxe Pizza	38180.50
	The Spicy Italian Pizza	34831.25

Bottom 5 Pizzas By Revenue:

SELECT pizza_name, SUM(total_price) **AS** price **FROM** pizza_sales_dataset

GROUP BY pizza_name

ORDER BY price

LIMIT 5

	pizza_name	price
▶	The Brie Carre Pizza	11588.50
	The Green Garden Pizza	13955.75
	The Spinach Supreme Pizza	15277.75
	The Mediterranean Pizza	15360.50
	The Spinach Pesto Pizza	15596.00

Top 5 Pizzas By Quantity:

SELECT pizza_name, SUM(quantity) **AS** total_quantity **FROM** pizza_sales_dataset

GROUP BY pizza_name

ORDER BY total_quantity **DESC**

LIMIT 5

	pizza_name	total_quantity
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

Bottom 5 Pizzas By Quantity:

SELECT pizza_name, SUM(quantity) **AS** total_quantity **FROM** pizza_sales_dataset

GROUP BY pizza_name

ORDER BY total_quantity

LIMIT 5

	pizza_name	total_quantity
▶	The Brie Carre Pizza	490
	The Mediterranean Pizza	934
	The Calabrese Pizza	937
	The Spinach Supreme Pizza	950
	The Soppressata Pizza	961

Top 5 Pizzas By Orders:

SELECT pizza_name, COUNT(order_id) **AS** total_orders **FROM** pizza_sales_dataset

GROUP BY pizza_name

ORDER BY total_orders **DESC**

LIMIT 5

	pizza_name	total_orders
▶	The Classic Deluxe Pizza	2329
	The Hawaiian Pizza	2280
	The Pepperoni Pizza	2278
	The Barbecue Chicken Pizza	2273
	The Thai Chicken Pizza	2225

Bottom 5 Pizzas By Orders:

SELECT pizza_name, COUNT(order_id) **AS** total_orders **FROM** pizza_sales_dataset

GROUP BY pizza_name

ORDER BY total_orders

LIMIT 5

	pizza_name	total_orders
►	The Brie Carre Pizza	480
	The Mediterranean Pizza	912
	The Calabrese Pizza	918
	The Spinach Supreme Pizza	918
	The Chicken Pesto Pizza	938