

# Pizza Sales SQL Queries

## 1. KPI'S

a) Total Revenue

```
select sum(total_price) as Total_Revenue from pizza_sales;
```

Results Messages	
	Total_Revenue
1	817860.05083847

b) Average Order Values

```
select sum(total_price) / count(distinct order_id) as Avg_Order_Value  
from pizza_sales;
```

Results Messages	
	Avg_Order_Value
1	38.3072623343546

c) Total Pizza Sold

```
select sum(quantity) as Total_Pizza_Sold from pizza_sales;
```

Results Messages	
	Total_Pizza_Sold
1	49574

d) Total Orders

```
select count(distinct order_id) as Total_Orders from pizza_sales;
```

Results Messages	
	Total_Orders
1	21350

e) Average Pizza per Order

```
select sum(quantity) / count(distinct order_id) as Avg_Pizza_Per_Order from pizza_sales;
```

Results Messages	
	Avg_Pizza_Per_Order
1	2

## 2. Chart Requirements

f) Total Orders by Order Day OR (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)
```

Results Messages		
	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

g) Monthly trend for total order

```
select datename(month, order_date) as Month_name, count(distinct order_id) as Total_order
from pizza_sales group by datename(month, order_date) order by count(distinct order_id) desc;
```

	Month_name	Total_order
1	July	1935
2	May	1853
3	January	1845
4	August	1841
5	March	1840
6	April	1799
7	November	1792
8	June	1773
9	February	1685
10	December	1680
11	September	1661
12	October	1646

h) Percentage of sales by pizza category

```
select pizza_category, sum(total_price) * 100 / (select sum(total_price) from
pizza_sales) as PCT
from pizza_sales
group by pizza_category
order by PCT desc
```

	pizza_category	PCT
1	Classic	26.9059602306976
2	Supreme	25.4563112111462
3	Chicken	23.9551375322885
4	Veggie	23.6825910258677

i) Percentage of sales by pizza size

```
select pizza_size, sum(total_price) * 100 / (select sum(total_price) from
pizza_sales) as PCT
from pizza_sales
group by pizza_size
order by PCT desc
```

	pizza_size	PCT
1	L	45.8903330244889
2	M	30.492044420599
3	S	21.7734684107037
4	XL	1.72107684995364
5	XXL	0.123077294254725

j) Top 5 pizza by Revenue

```
select top 5 pizza_name, sum(total_price) as Total_Revenue
from pizza_sales
group by pizza_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

k) Bottom 5 pizza by Revenue

```
select top 5 pizza_name, sum(total_price) as Total_Revenue
from pizza_sales
group by pizza_name
order by Total_Revenue
```

	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

l) Top 5 best Seller pizza

```
select top 5 pizza_name, sum(quantity) as Total_quantity
from pizza_sales
group by pizza_name
order by Total_quantity desc
```

Results Messages		
	pizza_name	Total_quantity
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

m) Bottom 5 seller pizza

```
select top 5 pizza_name, sum(quantity) as Total_quantity
from pizza_sales
group by pizza_name
order by Total_quantity
```

	pizza_name	Total_quantity
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

n) Total pizza sold by Pizza Category

```
select pizza_category, sum(quantity) as Total_Pizza_Sold from pizza_sales
group by pizza_category
```

Results Messages		
	pizza_category	Total_Pizza_Sold
1	Classic	14888
2	Chicken	11050
3	Veggie	11649
4	Supreme	11987