

Pizza Sales Queries

REQUIREMENTS KPI's

```
# Total Revenue
```

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

```
total_revenue
```

```
817860.049999993
```

```
# Average Order Value
```

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

```
avg_order_value
```

```
38.307262295081635
```

```
# Total Pizza Sold
```

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

```
total_pizza_sold
```

```
49574
```

```
# Total Orders
```

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

```
total_orders
```

```
21350
```

```
# Average Pizza Per Order
```

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

```
avg_pizza_per_order
```

```
2.3220
```

CHART REQUIREMENTS

```
# Daily Trends for Total Orders
select date_format(str_to_date(order_date, '%d-%m-%y'), '%W') as order_day, count(distinct order_id)
as total_orders from pizza_sales group by order_day;
```

order_day	total_orders
Friday	3463
Monday	2836
Saturday	3053
Sunday	2633
Thursday	3292
Tuesday	2963
Wednesday	3110

```
# Monthly Trends for Total Orders
select date_format(str_to_date(order_date, '%d-%m-%y'), '%M') as order_month, count(distinct order_id)
as total_orders from pizza_sales group by order_month;
```

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

```
# Monthly Trends for Total Orders
select date_format(str_to_date(order_date, '%d-%m-%y'), '%M') as order_month, count(distinct order_id)
as total_orders from pizza_sales group by order_month order by total_orders desc;
```

order_month	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

```
# Percentage of Sales by Pizza Category
select pizza_category, sum(total_price) * 100 / (select sum(total_price) from pizza_sales)
as total_sales from pizza_sales group by pizza_category;
```

pizza_category	total_sales
Classic	26.9059602556699
Veggie	23.682590927384783
Supreme	25.45631126009884
Chicken	23.955137556847493

```
# Percentage of Sales by Pizza Category
```

```
select pizza_category, sum(total_price) * 100 / (select sum(total_price) from pizza_sales)
as precentage_of_sales from pizza_sales group by pizza_category;
```

pizza_category	precentage_of_sales
Classic	26.9059602556699
Veggie	23.682590927384783
Supreme	25.45631126009884
Chicken	23.955137556847493

```
# Percentage of Sales by Pizza Size (Pie)
```

```
select pizza_size, cast(sum(total_price) * 100 / (select sum(total_price) from pizza_sales)
as decimal(10,2))as precentage_of_sales from pizza_sales group by pizza_size
order by precentage_of_sales desc;
```

pizza_size	precentage_of_sales
L	45.89
M	30.49
S	21.77
XL	1.72
XXL	0.12

```
# Top 5 Best Sellers by Revenue, Total Quantity, and Total Orders (Bar)
```

```
select pizza_name, sum(total_price) as total_revenue from pizza_sales group by pizza_name
order by total_revenue desc limit 5;
```

pizza_name	total_revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5
The Classic Deluxe Pizza	38180.5
The Spicy Italian Pizza	34831.25

```
# Bottom 5 best sellers by Revenue, Total Quantity, and Total Orders (Bar)
select pizza_name, sum(total_price) as total_revenue from pizza_sales group by pizza_name
order by total_revenue asc limit 5;
```

pizza_name	total_revenue
The Brie Carre Pizza	11588.4999999999
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.5
The Spinach Pesto Pizza	15596

```
# Total Pizzas Sold by Pizza Category (Funnel)
```

```
select pizza_category, sum(quantity) as total_pizza_sold, cast(sum(total_price) as decimal(10,2))
as total_revenue from pizza_sales group by pizza_category;
```

pizza_category	total_pizza_sold	total_revenue
Classic	14888	220053.10
Veggie	11649	193690.45
Supreme	11987	208197.00
Chicken	11050	195919.50