

Pizza Sales Queries

REQUIREMENTS KPI's

Total Revenue

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

total_revenue

817860.0499999993

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 percentage_of_sales from pizza_sales group by pizza_category;
```

pizza_category	percentage_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 percentage_of_sales from pizza_sales group by pizza_size
order by percentage_of_sales desc;
```

pizza_size	percentage_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 bellers 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