

Pizza Sales SQL Queries

1 - kpis

1. Total Revenues

```
SELECT sum(total_price) as total_revenue FROM pizza_sales;
```

output

total_revenue
817860.05

2. Total pizza sold

```
SELECT sum(quantity) as pizza_sold FROM pizza_sales;
```

output

pizza_sold
49574

3. Average pizza order value

```
SELECT SUM(total_price)/ COUNT(DISTINCT order_id) as avg_order_value FROM pizza_sales;
```

output

avg_order_value
38.307262

4. Total orders

```
SELECT COUNT(DISTINCT order_id) as total_order FROM pizza_sales;
```

output

total_order
21350

5. Average pizzas per order

```
SELECT SUM(quantity)/count(DISTINCT order_id) as avg_pizza_per_orders FROM pizza_sales;
```

output

avg_pizza_per_orders
2.3220

2 - Daily Trends for Total orders

```
SELECT DATENAME(DW, order_date) AS order_day, COUNT(DISTINCT order_id) AS  
total_orders  
FROM pizza_sales  
GROUP BY DATENAME(DW, order_date);
```

output

	order_day	total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

3 - Monthly Trends for Total orders

```
SELECT DATENAME(Month, order_date) AS month_order, COUNT(DISTINCT order_id) AS  
total_orders  
FROM pizza_sales  
GROUP BY DATENAME(Month, order_date);
```

output

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

4 - Percentage of sales by Pizza category

```
select pizza_category, round(sum(total_price), 2) as total_revenue,  
concat(round(sum(total_price)*100 / (select sum(total_price) from pizza_sales),  
2), '%') as percentage from pizza_sales  
group by pizza_category  
order by percentage desc;
```

output

	pizza_category	total_revenue	percentage
1	Classic	220053.1	26.91%
2	Supreme	208197	25.46%
3	Chicken	195919.5	23.96%
4	Veggie	193690.45	23.68%

5 - Percentage of sales by Pizza size

```
select pizza_size, round(sum(total_price), 2) as total_revenue,  
concat(round(sum(total_price)*100 / (select sum(total_price) from  
pizza_sales),2), '%') as percentage from pizza_sales  
group by pizza_size  
order by percentage desc;
```

output

	pizza_size	total_revenue	percentage
1	L	375318.7	45.89%
2	M	249382.25	30.49%
3	S	178076.5	21.77%
4	XL	14076	1.72%
5	XXL	1006.6	0.12%

6 - Total Pizza sold by Pizza category

```
select pizza_category, SUM(quantity) as total_pizza from pizza_sales  
group by pizza_category  
order by total_pizza desc;
```

Output

	pizza_category	total_pizza
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

7 - Top 5 pizzas by Revenue

```
select Top 5 pizza_name, round(sum(total_price),2) as total_revenue from
pizza_sales
group by pizza_name
order by total_revenue desc;
```

Output

	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

8 - Bottom 5 pizzas by Revenue

```
select Top 5 pizza_name, round(sum(total_price),2) as total_revenue from
pizza_sales
group by pizza_name
order by total_revenue asc;
```

Output

	pizza_name	total_revenue
1	The Brie Carre Pizza	11588.5
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

9 - Top 5 pizza by Quantity

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

Output

	pizza_name	total_Pizza
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

10 - Top 5 pizza by total orders

```
select top 5 pizza_name, count(distinct order_id) as total_order from  
pizza_sales  
group by pizza_name  
order by total_order desc;
```

Output

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