

PIZZA SALES SQL QUERIES

KPIs

1. Total Revenue

```
SELECT sum(total_price) AS total_revenue  
FROM pizza;
```

Result Grid	
	total_revenue
▶	817860.049999993

2. Average Order Value

```
SELECT sum(total_price)/ COUNT(DISTINCT order_id) AS avg_order_value  
FROM pizza;
```

Result Grid	
	avg_order_value
▶	38.307262295081635

3. Total Pizza Sold

```
SELECT sum(quantity) AS total_pizza_sold  
FROM pizza;
```

Result Grid	
	total_pizza_sold
▶	49574

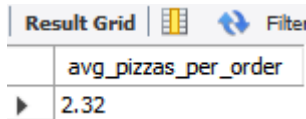
4. Total Orders

```
SELECT COUNT(DISTINCT order_id) AS total_orders  
FROM pizza;
```

Result Grid	
	total_orders
▶	21350

5. AVG Pizzas Per Order

```
SELECT CAST(CAST(sum(quantity) AS DECIMAL (10,2)) /  
CAST(COUNT(DISTINCT order_id) AS DECIMAL (10,2)) AS DECIMAL (10,2))  
AS avg_pizzas_per_order  
FROM pizza;
```



The screenshot shows a database interface with a 'Result Grid' tab. It contains a single row with the column name 'avg_pizzas_per_order' and the value '2.32'.

avg_pizzas_per_order
2.32

CHARTS



6. DAILY TRENDS

```
SELECT *  
FROM pizza  
WHERE STR_TO_DATE(order_date, '%d-%m-%Y') IS NULL;  
  
set sql_safe_updates=0;  
  
UPDATE pizza  
SET order_date = CASE  
WHEN order_date LIKE '%/%' THEN date_format(str_to_date(order_date, '%m/%d/%Y'), '%Y-%m-%d')  
ELSE NULL  
END;  
  
ALTER TABLE pizza  
MODIFY COLUMN order_date date;
```

```

SELECT DAYNAME(order_date) AS order_day,
COUNT(DISTINCT order_id) AS total_orders
FROM pizza
GROUP BY DAYNAME(order_date);

```



Result Grid   Filter Rows		
	order_day	total_orders
▶	Friday	3538
	Monday	2794
	Saturday	3158
	Sunday	2624
	Thursday	3239
	Tuesday	2973
	Wednesday	3024

7. HOURLY TREND

```

SELECT HOUR(order_time) AS order_hour,
COUNT(DISTINCT order_time) AS total_orders
FROM pizza
GROUP BY HOUR (order_time)
ORDER BY HOUR (order_time);

```

Result Grid   Filter Rows		
	order_hour	total_orders
▶	9	1
	10	8
	11	967
	12	1799
	13	1781
	14	1231
	15	1202
	16	1480
	17	1708
	18	1741
	19	1543
	20	1282
	21	1027
	22	586
	23	26

8. Percentage of Sales by Pizza Category

```
SELECT pizza_category , (SUM(total_price)) AS total_sales, (SUM(total_price) * 100 /  
(SELECT SUM(total_price) FROM pizza WHERE quarter(order_date)=1))  
AS percentage  
FROM pizza  
WHERE quarter(order_date) = 1  
GROUP BY pizza_category;
```

	pizza_category	total_price	percentage
▶	Classic	18619.4	9.067153640126591
	Veggie	17055.400000000027	8.305527148770384
	Supreme	17929.749999999996	8.73131239347453
	Chicken	16188.75	7.883491599707796

9. Percentage of Sales by Pizza Size



```
SELECT pizza_size , CAST(SUM(total_price) AS DECIMAL(10,2)) AS total_sales, CAST(SUM(total_price) *  
100 /  
(SELECT SUM(total_price) FROM pizza WHERE quarter(order_date)=1) AS DECIMAL (10,2))  
AS percentage  
FROM pizza  
WHERE quarter(order_date) = 1  
GROUP BY pizza_size  
ORDER BY Percentage DESC;
```

	pizza_size	total_sales	percentage
▶	L	95229.65	46.37
	M	61159.00	29.78
	S	45384.25	22.10
	XL	3289.50	1.60
	XXL	287.60	0.14

10. Total pizza sold by pizza category

```
SELECT pizza_category, sum(quantity) as total_pizzas_sold  
FROM pizza
```

GROUP BY pizza_category;

Result Grid   Filter Rows: <input type="text"/>		
	pizza_category	total_pizzas_sold
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050



11. Top 5 best sellers

SELECT pizza_name, sum(quantity) as total_pizzas_sold

FROM pizza

GROUP BY pizza_name

ORDER BY SUM(quantity) DESC LIMIT 5;

Result Grid   Filter Rows: <input type="text"/>		
	pizza_name	total_pizzas_sold
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

12. Bottom 5 worst sellers

-- Bottom 5 worst sellers



SELECT pizza_name, sum(quantity) as total_pizzas_sold

FROM pizza

WHERE month(order_date)= 8

GROUP BY pizza_name

ORDER BY SUM(quantity) ASC LIMIT 5;

Result Grid   Filter Rows: <input type="text"/>		
	pizza_name	total_pizzas_sold
▶	The Brie Carre Pizza	43
	The Calabrese Pizza	73
	The Mediterranean Pizza	77
	The Italian Vegetables Pizza	78
	The Soppressata Pizza	79