

Pizza Sales Data SQL Queries

1.TOTAL REVENUE

```
SELECT SUM (total_price) AS Total_Revenue  
FROM Pizza_sales;
```


Output:

	total_revenue numeric 
1	817860.05

2.AVERAGE ORDER VALUE

```
SELECT SUM (total_price)/ COUNT(DISTINCT order_id) AS Average_order_value  
FROM Pizza_sales;
```


Output:

	average_order_value numeric 
1	38.3072622950819672

3.TOTAL PIZZA SOLD

```
SELECT SUM(quantity) AS Total_pizza_sold  
FROM Pizza_sales;
```

Output:

	total_pizza_sold bigint 
1	49574

4.TOTAL ORDERS

```
SELECT COUNT (DISTINCT order_id) AS Total_orders  
FROM Pizza_sales;
```

Output:

	total_orders bigint
1	21350

5.AVERAGE PRICE 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_price_per_order  
FROM Pizza_sales;
```

Output:

	avg_price_per_order numeric (10,2)
1	2.32

6.DAILY TREND FOR TOTAL ORDERS

```
SELECT TO_CHAR(Order_date,'DAY') AS Day_name, COUNT (DISTINCT order_id) AS  
total_orders  
FROM Pizza_sales  
GROUP BY TO_CHAR(Order_date,'DAY');
```

Output:

	day_name text	total_orders bigint
1	FRIDAY	3538
2	MONDAY	2794
3	SATURDAY	3158
4	SUNDAY	2624
5	THURSDAY	3239
6	TUESDAY	2973
7	WEDNESDAY	3024

7.HOURLY TREND FOR TOTAL ORDERS

```
SELECT DATE_PART('HOUR', order_time) AS Order_hours, COUNT (DISTINCT order_id) AS  
total_orders
```

```
FROM Pizza_sales
```

```
GROUP BY DATE_PART('HOUR', order_time)
```

```
ORDER BY Order_hours ASC;
```

Output:

	order_hours double precision 🔒	total_orders bigint 🔒
1	9	1
2	10	8
3	11	1231
4	12	2520
5	13	2455
6	14	1472
7	15	1468
8	16	1920
9	17	2336
10	18	2399
11	19	2009
12	20	1642
13	21	1198
14	22	663
15	23	28

8. PERCENTAGE OF SALES BY PIZZA CATEGORY

```
SELECT Pizza_category ,SUM (total_price) AS Total_sales,
CAST((SUM(total_price)*100/ (SELECT SUM(total_price)
FROM Pizza_sales))AS DECIMAL(10,2))AS Percentage_sales
FROM Pizza_sales
GROUP BY Pizza_category;
```

Output:

	pizza_category character varying (50) 🔒	total_sales numeric 🔒	percentage_sales numeric (10,2) 🔒
1	Supreme	208197.00	25.46
2	Chicken	195919.50	23.96
3	Veggie	193690.45	23.68
4	Classic	220053.10	26.91

9. PERCENTAGE OF SALES BY PIZZA SIZE

```
SELECT Pizza_size ,SUM(total_price) AS total_sales,
CAST((SUM(total_price)*100/ (SELECT SUM(total_price)
```

FROM Pizza_sales)) AS DECIMAL(10,2))AS Percentage_sales

FROM Pizza_sales

GROUP BY Pizza_size;

Output:

	pizza_size character varying (20) 🔒	total_sales numeric 🔒	percentage_sales numeric (10,2) 🔒
1	Small	178076.50	21.77
2	Large	375318.70	45.89
3	XXL	1006.60	0.12
4	XL	14076.00	1.72
5	Medium	249382.25	30.49

10.TOTAL PIZZA SOLD BY PIZZA CATEGORY

SELECT Pizza_category , SUM(quantity) AS total_pizza_sold

FROM Pizza_sales

GROUP BY Pizza_category;

Output:

	pizza_category character varying (50) 🔒	total_pizza_sold bigint 🔒
1	Supreme	11987
2	Chicken	11050
3	Veggie	11649
4	Classic	14888

11.TOP 5 BEST SELLER BY TOTAL PIZZA SOLD

SELECT Pizza_name, SUM(quantity) AS total_pizza_sold

FROM pizza_sales

GROUP BY Pizza_name

ORDER BY total_pizza_sold DESC LIMIT 5;

Output:

	pizza_name character varying (100) 🔒	total_pizza_sold bigint 🔒
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

12.BOTTOM 5 WORST SELLER BY TOTAL PIZZA SOLD

SELECT Pizza_name, SUM(quantity) AS total_pizza_sold

FROM pizza_sales

GROUP BY Pizza_name

ORDER BY total_pizza_sold ASC LIMIT 5;

Output:

	pizza_name character varying (100) 🔒	total_pizza_sold bigint 🔒
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