**PIZZA SALES SQL QUERIES**

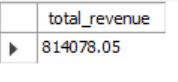
**A. KPI’s**

**1. Total Revenue:**

SELECT ROUND(SUM(od.quantity \* p.price), 2) AS total\_revenue

FROM order\_details od

JOIN pizzas p ON od.pizza\_id = p.pizza\_id;

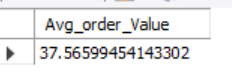


**2. Average Order Value**

select (sum(p.price) / count(distinct o.order\_id)) as Avg\_order\_Value from orders o

JOIN order\_details od ON o.order\_id = od.order\_id

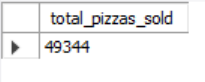
JOIN pizzas p ON od.pizza\_id = p.pizza\_id;



**3. Total Pizzas Sold**

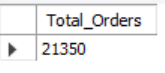
SELECT SUM(quantity) AS total\_pizzas\_sold

FROM order\_details;



**4. Total Orders**

select count(\*) as Total\_Orders from orders;

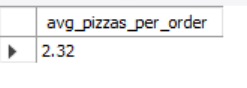


**5. Average Pizzas Per Order**

SELECT ROUND(SUM(od.quantity) / COUNT(DISTINCT o.order\_id), 2) AS avg\_pizzas\_per\_order

FROM order\_details od

JOIN orders o ON od.order\_id = o.order\_id;



**B. Daily Trend for Total Orders**

SELECT order\_day, COUNT(\*) AS total\_orders

FROM (

SELECT DAYNAME(date) AS order\_day

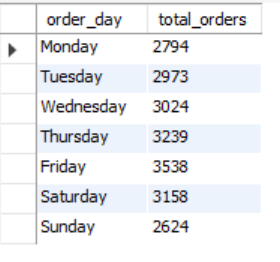
FROM orders

) AS daily\_orders

GROUP BY order\_day

ORDER BY FIELD(order\_day, 'Monday','Tuesday','Wednesday','Thursday','Friday','Saturday','Sunday');

***Output:***



**C. Hourly Trend for Orders**

SELECT order\_hour, COUNT(\*) AS total\_orders

FROM (

SELECT HOUR(time) AS order\_hour

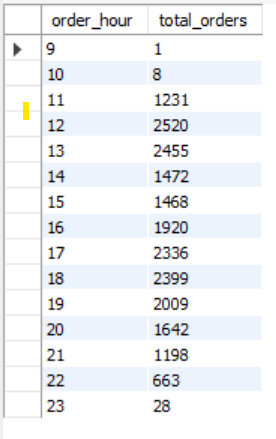
FROM orders

) AS hourly\_orders

GROUP BY order\_hour

ORDER BY order\_hour;

***Output***

****

**D. % of Sales by Pizza Category**

SELECT pt.category,

ROUND(SUM(od.quantity \* p.price), 2) AS category\_revenue,

ROUND(SUM(od.quantity \* p.price) \* 100 / (

SELECT SUM(od2.quantity \* p2.price)

FROM order\_details od2

JOIN pizzas p2 ON od2.pizza\_id = p2.pizza\_id

), 2) AS percentage\_of\_total\_sales

FROM order\_details od

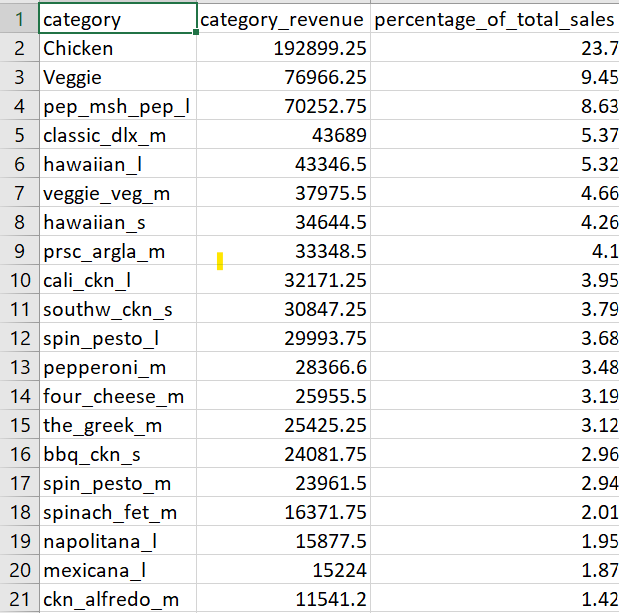
JOIN pizzas p ON od.pizza\_id = p.pizza\_id

JOIN pizza\_types pt ON p.pizza\_type\_id = pt.pizza\_type\_id

GROUP BY pt.category

ORDER BY percentage\_of\_total\_sales DESC;

***Output***

******

**E. % of Sales by Pizza Size**

SELECT p.size,

ROUND(SUM(od.quantity \* p.price), 2) AS size\_revenue,

ROUND(SUM(od.quantity \* p.price) \* 100 / (

SELECT SUM(od2.quantity \* p2.price)

FROM order\_details od2

JOIN pizzas p2 ON od2.pizza\_id = p2.pizza\_id

), 2) AS percentage\_of\_total\_sales

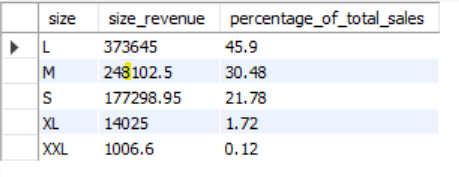
FROM order\_details od

JOIN pizzas p ON od.pizza\_id = p.pizza\_id

GROUP BY p.size

ORDER BY percentage\_of\_total\_sales DESC;

***Output***

****

**F. Total Pizzas Sold by Pizza Category**

SELECT pt.category,

SUM(od.quantity) AS total\_pizzas\_sold

FROM order\_details od

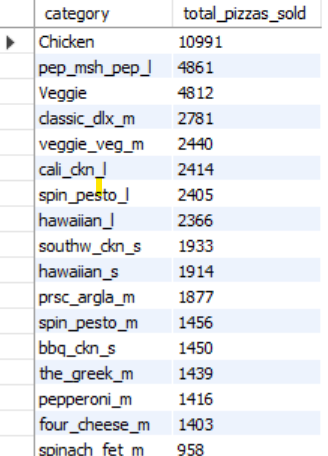
JOIN pizzas p ON od.pizza\_id = p.pizza\_id

JOIN pizza\_types pt ON p.pizza\_type\_id = pt.pizza\_type\_id

GROUP BY pt.category

ORDER BY total\_pizzas\_sold DESC;

***Output***

****

**G. Top 5 Best Sellers by Total Pizzas Sold**

SELECT pt.name AS pizza\_name,

SUM(od.quantity) AS total\_pizzas\_sold

FROM order\_details od

JOIN pizzas p ON od.pizza\_id = p.pizza\_id

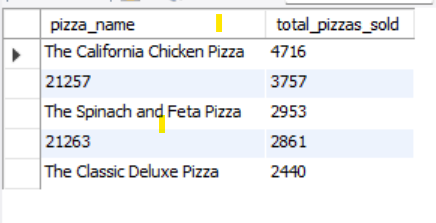
JOIN pizza\_types pt ON p.pizza\_type\_id = pt.pizza\_type\_id

GROUP BY pt.name

ORDER BY total\_pizzas\_sold DESC

LIMIT 5;

***Output***

****

**H. Bottom 5 Best Sellers by Total Pizzas Sold**

SELECT pt.name AS pizza\_name,

SUM(od.quantity) AS total\_pizzas\_sold

FROM order\_details od

JOIN pizzas p ON od.pizza\_id = p.pizza\_id

JOIN pizza\_types pt ON p.pizza\_type\_id = pt.pizza\_type\_id

GROUP BY pt.name

ORDER BY total\_pizzas\_sold ASC

LIMIT 5;

***Output***

****