**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

select sum(total\_price) as total\_revenue from pizza\_sales;

A screenshot of a computer

Description automatically generated

**2. Average Order Value**

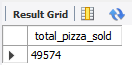
select sum(total\_price)/count(distinct order\_id) as avg\_order\_value from pizza\_sales;

A screenshot of a computer

Description automatically generated

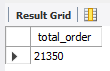
**3. Total Pizzas Sold**

select sum(quantity) as total\_pizza\_sold from pizza\_sales;



**4. Total Orders**

select count(distinct order\_id) as total\_order from pizza\_sales;



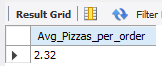
**5. Average Pizzas Per Order**

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\_sales;



**B. Hourly Trend for Total Pizzas Sold**

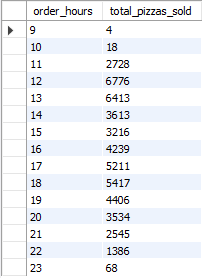
SELECT HOUR(order\_time) as order\_hours, SUM(quantity) as total\_pizzas\_sold

FROM pizza\_sales

GROUP BY HOUR(order\_time)

ORDER BY HOUR(order\_time);

***Output***



**C. Weekly Trend for Orders**

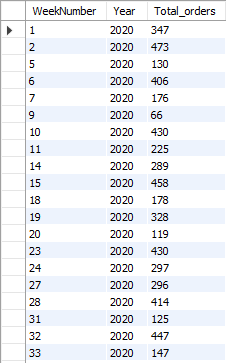
SELECT WEEK(STR\_TO\_DATE(order\_date, '%m-%d-%y'), 3) AS WeekNumber,YEAR(STR\_TO\_DATE(order\_date, '%m-%d-%y')) AS Year,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales WHERE order\_date IS NOT NULL AND STR\_TO\_DATE(order\_date, '%m-%d-%y') IS NOT NULL

GROUP BY WeekNumber,Year

ORDER BY Year, WeekNumber;

A table with numbers and numbers

Description automatically generated

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

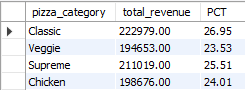
SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category;

***Output***



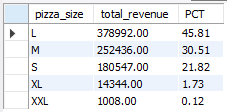
**E. % of Sales by Pizza Size**

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size;



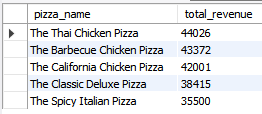
**F. Top 5 Pizzas by Revenue**

select pizza\_name,sum(total\_price) as total\_revenue from pizza\_sales

group by pizza\_name

order by total\_revenue desc

limit 5 ;



**G. Bottom 5 Pizzas by Revenue**

select pizza\_name,sum(quantity) as total\_quantity from pizza\_sales

group by pizza\_name

order by total\_quantity asc

limit 5 ;

