PIZZA SALES SQL QUERIES

A. Key Performance Indicators

1. Total Revenue:

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales;



2. Average Order Value

SELECT SUM(total\_price) / COUNT(distinct order\_id) as Average\_OrderVal ;

from pizza\_sales;



3. Total Pizzas Sold

SELECT SUM(quantity) AS Total\_pizza\_sold FROM pizza\_sales;



4. Total Orders

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders 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\_PizzaOrder FROM pizza\_sales;



B. Hourly Trend for Total Pizzas Sold

SELECT DATEPART(HOUR, order\_time) as order\_hour, SUM(quantity) as Total\_pizzas\_Sold

from pizza\_sales

group by DATEPART(HOUR, order\_time)

order by order\_hour asc;

Output



C. Weekly Trend for Orders

SELECT

DATEPART(YEAR, order\_date) AS Year,

DATEPART(WEEK, order\_date) AS Week,

COUNT(DISTINCT order\_id) AS OrderCount

FROM

pizza\_sales

GROUP BY

DATEPART(YEAR, order\_date),

DATEPART(WEEK, order\_date)

ORDER BY

Week;

 

D. % of Sales by Pizza Category

SELECT

pizza\_category, ROUND(SUM(total\_price),2) AS Total\_sales,

ROUND(SUM(total\_price) \* 100.0 /

(SELECT SUM(total\_price) FROM pizza\_sales), 2)

AS Percent\_Total\_sales

FROM pizza\_sales

-- WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category;

Output



E. % of Sales by Pizza Size

SELECT

pizza\_size, ROUND(SUM(total\_price),2) AS Total\_sales,

ROUND(SUM(total\_price) \* 100.0 /

(SELECT SUM(total\_price) FROM pizza\_sales), 2)

AS Percent\_Total\_sales

FROM pizza\_sales

-- where DATEPART(Quarter, order\_date) = 1 -- for quarters

GROUP BY pizza\_size

order by Percent\_Total\_sales desc;

Output



F. Total Pizzas Sold by Pizza Category

SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

Output



G. Top 5 Pizzas by Revenue

SELECT Top(5) pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC



H. Bottom 5 Pizzas by Revenue

SELECT Top 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC



I. Top 5 Pizzas by Quantity

SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity DESC

Output



J. Bottom 5 Pizzas by Quantity

SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity asc

Output



K. Top 5 Pizzas by Total Orders

select top(5) pizza\_name, COUNT(DISTINCT(order\_id)) as Total\_orders from pizza\_sales

GROUP BY pizza\_name

order by Total\_orders desc;



L. Borrom 5 Pizzas by Total Orders

select top(5) pizza\_name, COUNT(DISTINCT(order\_id)) as Total\_orders from pizza\_sales

GROUP BY pizza\_name

order by Total\_orders asc;

