**PIZZA SALES SQL QUERIES**

**A)KPI’s**

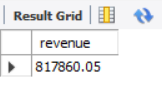
**1. Total revenue**

select

sum(total\_price) as revenue

from

pizza\_sales;



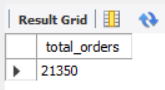
**2. Total orders**

select

count(distinct order\_id) as total\_orders

from

pizza\_sales;



**3. Average order value**

SELECT

(SELECT

SUM(total\_price)

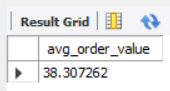
FROM

pizza\_sales) / (SELECT

COUNT(DISTINCT order\_id)

FROM

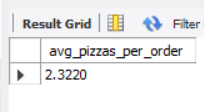
pizza\_sales) AS avg\_order\_value;



**4. Average pizzas per order**

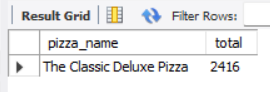
select

(select sum(quantity) from pizza\_sales)/(select count(distinct order\_id) from pizza\_sales) as avg\_pizzas\_per\_order;



**5.Most ordered pizza**

select pizza\_name, count(pizza\_name) total from pizza\_sales group by pizza\_name order by total desc limit 1



**6. Total number of pizzas orders on each day of the week.**

select dayname(order\_date) as day, count(\*) as no\_of\_pizzas\_ordered from pizza\_sales group by day order by

case

WHEN Day = 'Monday' THEN 1

WHEN Day = 'Tuesday' THEN 2

WHEN Day = 'Wednesday' THEN 3

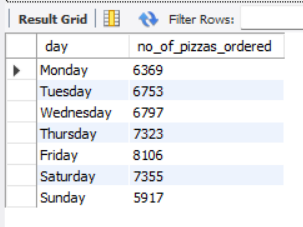
WHEN Day = 'Thursday' THEN 4

WHEN Day = 'Friday' THEN 5

WHEN Day = 'Saturday' THEN 6

when day = 'sunday' then 7

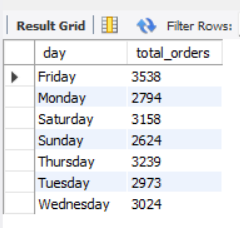
end asc;



**B) Chart’s requirements**

**1.Daily trends for total orders**

select dayname(order\_date) as day, count(distinct(order\_id)) as total\_orders from pizza\_sales group by day;



**2.Monthly trends of total orders.**

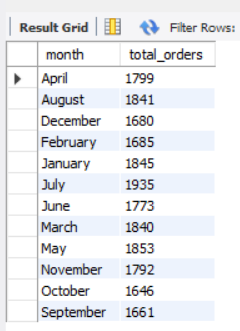
select

monthname(order\_date) as month,

count(distinct(order\_id)) as total\_orders

from

pizza\_sales group by month;



**3. Percentage of sales by size**

SELECT

pizza\_size,

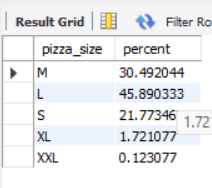
SUM(total\_price) \* 100 / (SELECT SUM(total\_price FROM pizza\_sales

AS percent

FROM

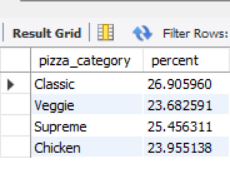
pizza\_sales

GROUP BY pizza\_size;



**4.Percentage of sales by pizza category**

select pizza\_category, sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales) as percent from pizza\_sales group by pizza\_category;



**5. Top 5 pizzas by revenue**

SELECT

pizza\_name, SUM(total\_price) AS revenue

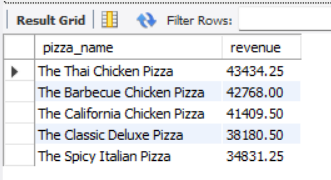
FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY revenue DESC

LIMIT 5;



**6. bottom 5 pizzas by revenue**

SELECT

pizza\_name, SUM(total\_price) AS revenue

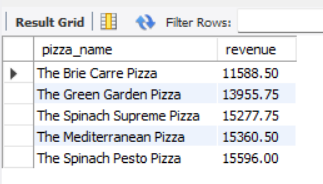
FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY revenue asc

LIMIT 5;



**7. top 5 pizzas by quantity**

SELECT

pizza\_name, SUM(quantity) AS total\_quantity

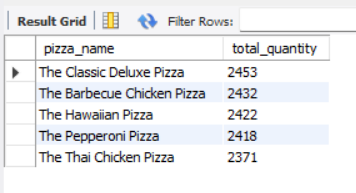
FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity desc

LIMIT 5;



**8. bottom 5 pizzas by quantity**

SELECT

pizza\_name, SUM(quantity) AS total\_quantity

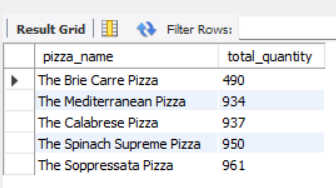
FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity asc

LIMIT 5;



**9. top 5 pizzas by total orders.**

SELECT

pizza\_name, COUNT(DISTINCT order\_id) AS total\_orders

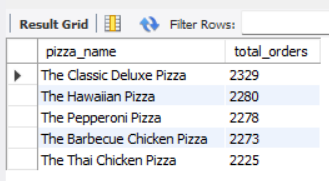
FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders DESC

LIMIT 5;



**10. bottom 5 pizzas by total orders.**

SELECT

pizza\_name, COUNT(DISTINCT order\_id) AS total\_orders

FROM

pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders asc

LIMIT 5

