**PIZZA SALES SQL QUERIES**

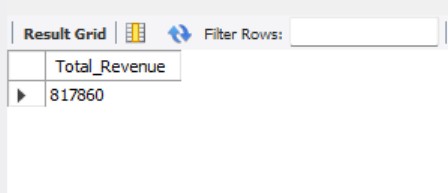
**A. KPI’s**

**1. Total Revenue:**

select

round(sum(total\_price)) as Total\_Revenue

from pizza\_sales;

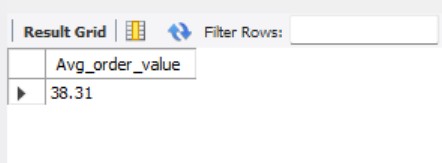


**2. Average Order Value**

select

round(sum(total\_price)/ count(distinct order\_id),2) as Avg\_order\_value

from pizza\_sales;

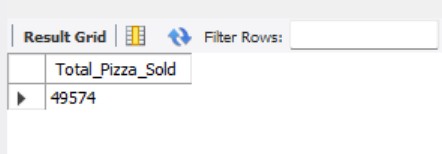


**3. Total Pizzas Sold**

select

sum(quantity) as Total\_Pizza\_Sold

from pizza\_sales;

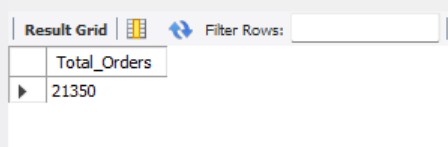


**4. Total Orders**

select

count(distinct order\_id) as Total\_Orders

from pizza\_sales;

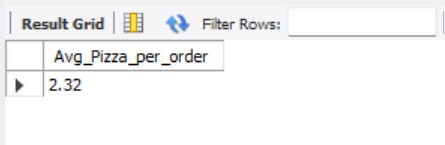


**5. Average Pizzas Per Order**

select

round(sum(quantity)/ count(distinct order\_id),2) as Avg\_Pizza\_per\_order

from pizza\_sales;



**B. Daily Trend for Total Orders**select

dayname(

case

when order\_date like '%/%' then str\_to\_date(order\_date, '%d/%m/%y')

when order\_date like '%-%' then str\_to\_date(order\_date, '%d-%m-%y')

else null

end

) as Day\_Name,

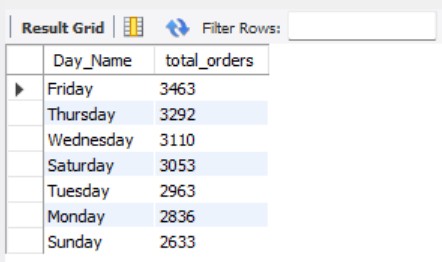
count(distinct order\_id) as total\_orders

from pizza\_sales

group by 1

order by 2 desc;

***Output:***

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**C. Monthly Trend for Orders**

select

monthname(

case

when order\_date like '%/%' then str\_to\_date(order\_date, '%d/%m/%y')

when order\_date like '%-%' then str\_to\_date(order\_date, '%d-%m-%y')

else null

end

) as Month\_Name,

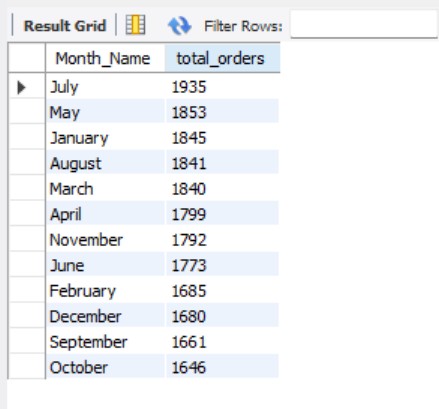
count(distinct order\_id) as total\_orders

from pizza\_sales

group by 1

order by 2 desc;

***Output***

****

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

select

Pizza\_category as Category,

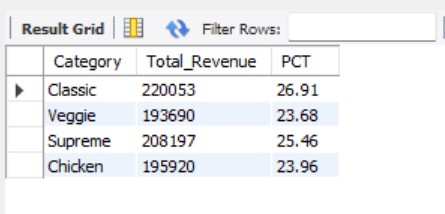
round(sum(total\_price)) as Total\_Revenue,

round(sum(total\_price)\*100/ (select sum(total\_price) from pizza\_sales),2) as PCT

from pizza\_sales

group by 1;

***Output***

****

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

select

Pizza\_size as Size,

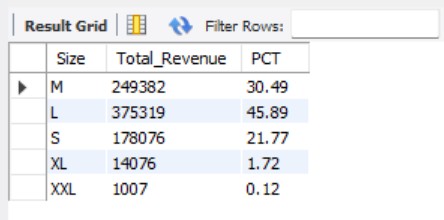
round(sum(total\_price)) as Total\_Revenue,

round(sum(total\_price)\*100/ (select sum(total\_price) from pizza\_sales),2) as PCT

from pizza\_sales

group by 1;

***Output***

****

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

select

pizza\_category as Category,

sum(quantity) as total\_quantity\_sold

from pizza\_sales

group by 1;

***Output***

****

**G. Top 5 Pizzas by Revenue**

select

pizza\_name,

round(sum(total\_price)) as total\_revenue

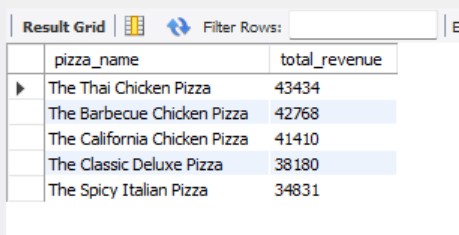
from pizza\_sales

group by 1

order by 2 desc

limit 5;

***Output***

****

**H. Bottom 5 Pizzas by Revenue**

select

pizza\_name,

round(sum(total\_price)) as total\_revenue

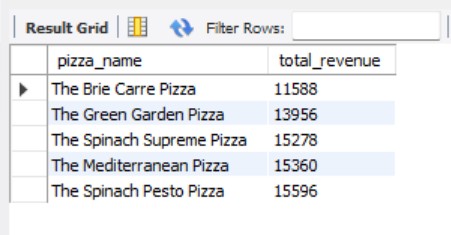
from pizza\_sales

group by 1

order by 2

limit 5;

***Output***

****

**I. Top 5 Pizzas by Quantity (Using Window Function)**

select

pizza\_name,

sum(quantity) as Toatl\_Pizza\_Sold,

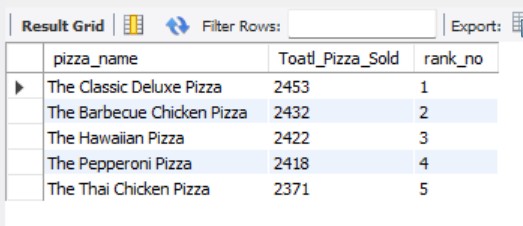
rank() over ( order by sum(quantity) desc) as rank\_no

from pizza\_sales

group by 1

limit 5;

***Output***

****

**J. Bottom 5 Pizzas by Quantity (Window function and CTE)**

with ranked\_pizzas as

(

select

pizza\_name,

sum(quantity) as Toatl\_Pizza\_Sold,

rank() over ( order by sum(quantity) asc) as rank\_no

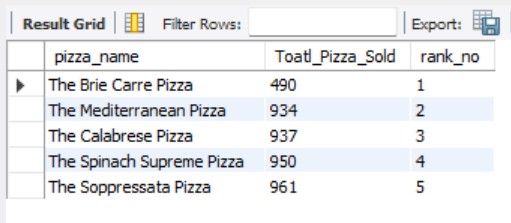
from pizza\_sales

group by 1)

select \* from ranked\_pizzas

where rank\_no <= 5;

***Output***

****

**K. Top 5 Pizzas by Total Orders**

with ranked\_pizzas as

(

select

pizza\_name,

count(distinct order\_id) as Toatl\_Orders,

rank() over ( order by count(distinct order\_id) desc) as rank\_no

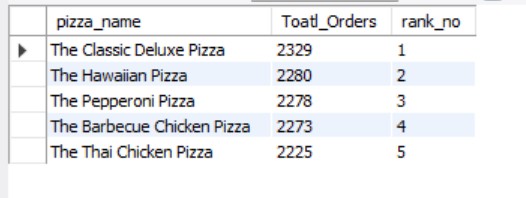
from pizza\_sales

group by 1)

select \* from ranked\_pizzas

where rank\_no <= 5;

***Output***

****

**L. Bottom 5 Pizzas by Total Orders**

with ranked\_pizzas as

(

select

pizza\_name,

count(distinct order\_id) as Toatl\_Orders,

row\_number() over ( order by count(distinct order\_id) asc) as rank\_no

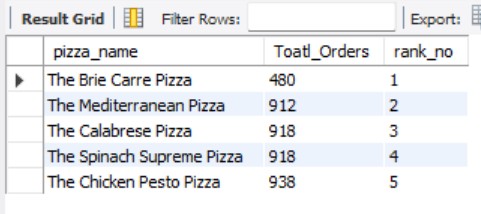
from pizza\_sales

group by 1)

select \* from ranked\_pizzas

where rank\_no <= 5;

***Output***

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