Pizza Sales SQL Queries

A] KPI’s

1) Total Revenue:

Select sum(total\_price) AS total\_revenue from pizza\_sales

2) Average Order Value:

The Average amount spent per order, calculated by dividing the total revenue by the total number of orders

Select sum(total\_price)/count(distinct order\_id) AS AvgOrder from pizza\_sales;

3) Total Pizzas Sold

Select sum(quantity) AS Total\_pizza\_sold from pizza\_sales;

4)Total Order Placed

Select count(distinct(order\_id)) AS Total\_order\_placed from pizza\_sales;

5) Average Pizzas per order

Select cast(sum(quantity)/count(distinct(order\_id)) as decimal(10,2)) as avg\_pizza\_per\_order from pizza\_sales;

B] Charts Requirement

1) Daily Trend for Total Orders:

SELECT

DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS order\_day,

COUNT(DISTINCT order\_id) AS total\_orders

FROM

pizza\_sales

GROUP BY

DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));

2) Hourly trends for orders

Select monthname(str\_to\_date(order\_date,'%d-%m-%Y')) as Month\_name, count(distinct order\_id) from pizza\_sales

group by monthname(str\_to\_date(order\_date,'%d-%m-%Y'))

3) Percentage of sales by Pizza category

select pizza\_category, sum(total\_price) \* 100 /(select sum(total\_price) from pizza\_sales) as Perc\_Total\_Sales from pizza\_sales

group by pizza\_category;

4) Percentage of Sales by pizza Size

select pizza\_size, cast(sum(total\_price) as decimal(10,2)) as Total\_sales,cast(sum(total\_price) \* 100 /(select sum(total\_price) from pizza\_sales) as decimal(10,2)) as Perc\_Total\_Sales from pizza\_sales

group by pizza\_size;

5) Total Pizza Sold by Pizza Categories

select pizza\_category ,sum(quantity) as Total\_Quantity\_sold from pizza\_sales

group by pizza\_category;

6) Top 5 Pizzas Revenue

Select pizza\_name,sum(total\_price) AS Total\_Revenue from pizza\_sales

Group by pizza\_name

Order by Total\_Revenue DESC limit 5;

7) Bottom 5 Pizzas Revenue

Select pizza\_name,sum(total\_price) AS Total\_Revenue from pizza\_sales

Group by pizza\_name

Order by Total\_Revenue ASC limit 5;

8) 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;

9) 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;