**Queries Used**

**1) Finding KPI**

**-- a) Total revenue**

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

**-- b) Average Order value**

SELECT SUM(total\_price)/COUNT(DISTINCT order\_id) AS average\_order\_value FROM pizza\_sales;

**-- c) Total pizzas Sold**

SELECT SUM(quantity) FROM pizza\_sales;

**-- d) Total Orders**

SELECT COUNT(DISTINCT order\_id) AS total\_ordes\_placed FROM pizza\_sales;

**-- e) Average pizzas per order**

SELECT ROUND(SUM(quantity)/COUNT(DISTINCT order\_id),2) AS average\_pizzas\_per\_order FROM pizza\_sales;

**2) Daily Trend for Total Orders**

SELECT DAYNAME(order\_date) AS day , COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_sales GROUP BY day;

**3) Monthly Trend for orders**

SELECT MONTHNAME(order\_date) AS month , COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_sales GROUP BY month;

**4) % of Sales by Pizza Category**

SELECT pizza\_category , ROUND(SUM(total\_price)/(SELECT SUM(total\_price) FROM pizza\_sales)\*100 , 2) AS percentage FROM pizza\_sales GROUP BY pizza\_category;

**5) % of sales by pizza size**

SELECT pizza\_size , ROUND(SUM(total\_price)/(SELECT SUM(total\_price) FROM pizza\_sales)\*100 , 2) AS percentage FROM pizza\_sales GROUP BY pizza\_size;

**6) total pizza sold by pizza category**

SELECT pizza\_category , SUM(quantity) AS pizza\_sold FROM pizza\_sales GROUP BY pizza\_category;

**7) Top 5 pizza by Revenue**

SELECT pizza\_name , SUM(total\_price) AS total\_revenue FROM pizza\_sales GROUP BY pizza\_name ORDER BY SUM(total\_price) DESC LIMIT 5;

**8) Bottom 5 pizza by Revenue**

SELECT pizza\_name , ROUND(SUM(total\_price),2) AS total\_revenue FROM pizza\_sales GROUP BY pizza\_name ORDER BY SUM(total\_price) ASC LIMIT 5;

**9) Top 5 Pizzas by Quantity**

SELECT pizza\_name , SUM(quantity) FROM pizza\_sales GROUP BY pizza\_name ORDER BY SUM(quantity) DESC LIMIT 5;

**10) Bottom 5 Pizzas by Quantity**

SELECT pizza\_name , SUM(quantity) FROM pizza\_sales GROUP BY pizza\_name ORDER BY SUM(quantity) ASC LIMIT 5;

**11) 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;

**12) 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;