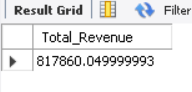
**Pizza Sales Queries**

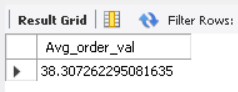
1. **KPI’s**
2. **Total Revenue :-**

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

****

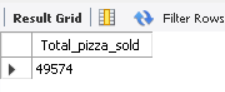
1. **Average Order Value :-**

**SELECT (SUM(total\_price)/COUNT(DISTINCT(order\_id))) AS Avg\_order\_val FROM pizza\_sales;**

****

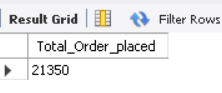
1. **Total Pizzas Sold :-**

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

****

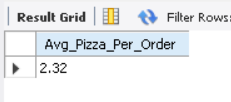
1. **Total Order Placed :-**

SELECT COUNT(DISTINCT(order\_id)) AS Total\_Order\_placed FROM pizza\_sales;

****

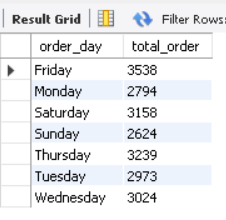
1. **Average Pizza Per Order :-**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2))/CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2))AS DECIMAL(10,2)) AS Avg\_Pizza\_Per\_Order FROM pizza\_sales;

****

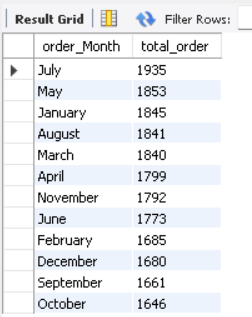
1. **Daily trend for total orders:-**

SELECT DATE\_FORMAT(order\_date,"%W") AS order\_day,COUNT(DISTINCT order\_id) AS total\_order FROM pizza\_sales GROUP BY DATE\_FORMAT(order\_date,"%W");

****

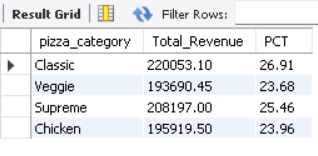
1. **Monthly trend for total orders:-**

SELECT DATE\_FORMAT(order\_date,"%M") AS order\_Month,COUNT(DISTINCT order\_id) AS total\_order FROM pizza\_sales GROUP BY DATE\_FORMAT(order\_date,"%M") ORDER BY total\_order DESC;

****

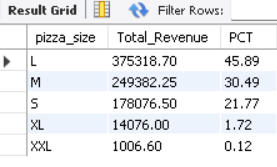
1. **Percentage of sales by pizza category:-**

SELECT pizza\_category,CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue,CAST(SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM pizza\_sales) AS decimal(10,2)) AS PCT FROM pizza\_sales GROUP BY pizza\_category;

****

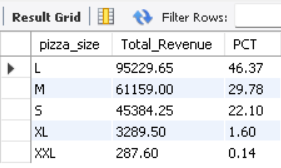
1. **Percentage of Sales by Pizza Size :-**

select pizza\_size,cast(sum(total\_price) as decimal(10,2)) As Total\_Revenue,cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales) as decimal(10,2)) As PCT from pizza\_sales group by pizza\_size order by PCT desc**;**

****

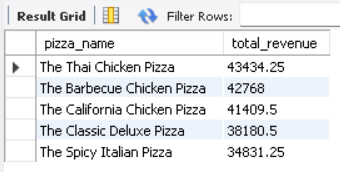
**IN the 1st quarter:-**

select pizza\_size,cast(sum(total\_price) as decimal(10,2)) As Total\_Revenue,cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales where quarter(order\_date) = 1) as decimal(10,2)) As PCT from pizza\_sales where quarter(order\_date) = 1 group by pizza\_size order by PCT desc;

****

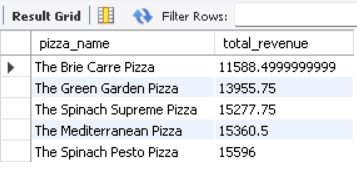
1. **Top 5 best seller by revenue**

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

****

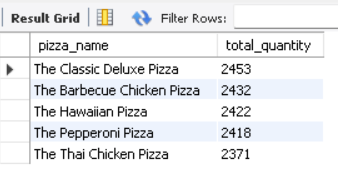
1. **Bottom 5 pizza by revenue**

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

****

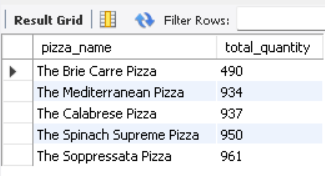
1. **Top 5 pizza by quantity**

**SELECT DISTINCT pizza\_name, SUM(quantity) AS total\_quantity FROM pizza\_sales GROUP BY pizza\_name ORDER BY total\_quantity DESC LIMIT 5;**

****

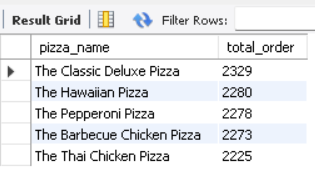
1. **Bottom 5 pizza by quantity**

**SELECT DISTINCT pizza\_name, SUM(quantity) AS total\_quantity FROM pizza\_sales GROUP BY pizza\_name ORDER BY total\_quantity ASC LIMIT 5;**

****

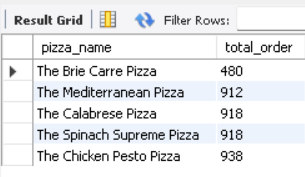
1. **Top 5 pizza by order**

SELECT DISTINCT pizza\_name, COUNT(DISTINCT order\_id) AS total\_order FROM pizza\_sales GROUP BY pizza\_name ORDER BY total\_order DESC LIMIT 5**;**

****

1. **Bottom 5 pizza by order**

**SELECT DISTINCT pizza\_name, COUNT(DISTINCT order\_id) AS total\_order FROM pizza\_sales GROUP BY pizza\_name ORDER BY total\_order ASC LIMIT 5;**

****

NOTE :-

If you want to apply month, quarter,week filter to above queries you can use where clause. Some examples are given below :-

SELECT SELECT pizza\_category,SUM(total\_price),SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM pizza\_sales where date\_format(order\_date,"%M") = "January") AS PCT FROM pizza\_sales where date\_format(order\_date,"%M") = "January" GROUP BY pizza\_category;

SELECT dayname(order\_date) AS order\_day,COUNT(DISTINCT order\_id) AS total\_order FROM pizza\_sales where quarter(order\_date) GROUP BY dayname(order\_date);