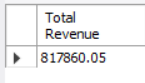
**PIZZA SALES SQL QUERIES**

# PART A (KPI REQUIREMENTS)

1. **Total Revenue:**

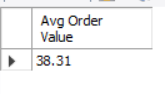
SELECT ROUND(SUM(total\_price),2) AS 'Total Revenue'

FROM pizza\_sales;



1. **Avg order value**

SELECT ROUND(SUM(total\_price)/COUNT(DISTINCT order\_id) ,2) AS 'Avg Order Value' FROM pizza\_sales;

****

1. **Total Pizza sold**

SELECT SUM(quantity) AS 'Total pizza sold' FROM pizza\_sales;

****

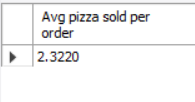
1. **Total orders**

SELECT COUNT(DISTINCT order\_id) AS 'Total Orders' FROM pizza\_sales;



1. **Avg pizza sold per order**

SELECT SUM(quantity)/COUNT(DISTINCT order\_id) AS 'Avg pizza sold per order' FROM pizza\_sales;



PART B (CHART REQUIREMENTS)

1. **Daily trend**

## CONVERTING IN DATE FORMAT

select \* from pizza\_sales;

UPDATE pizza\_sales

SET order\_date = str\_to\_date(order\_date, "%d-%m-%Y");

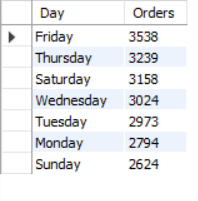
ALTER TABLE pizza\_sales

MODIFY order\_date DATE;

SELECT dayname(order\_date) AS 'Day',COUNT(DISTINCT order\_id) AS 'Orders' FROM pizza\_sales

GROUP BY Day

ORDER BY Orders DESC;

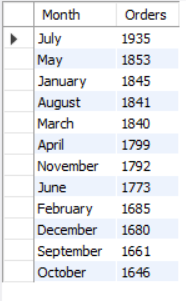


1. **Monthly trend**

SELECT monthname(order\_date) AS 'Month',COUNT(DISTINCT order\_id) AS 'Orders' FROM pizza\_sales

GROUP BY Month

ORDER BY Orders DESC;



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

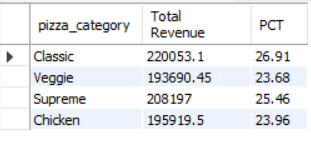
SELECT pizza\_category, ROUND(SUM(total\_price),2) AS 'Total Revenue',

round(

SUM(total\_price) / (SELECT SUM(total\_price) from pizza\_sales)\*100,2

) AS 'PCT' FROM pizza\_sales

GROUP BY pizza\_category;



1. **Percentage of sales by pizza size**

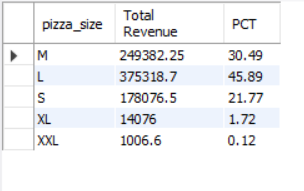
SELECT pizza\_size, ROUND(SUM(total\_price),2) AS 'Total Revenue',

round(

SUM(total\_price) / (SELECT SUM(total\_price) from pizza\_sales)\*100,2

) AS 'PCT' FROM pizza\_sales

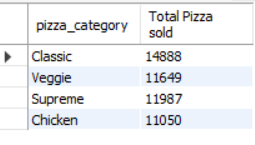
GROUP BY pizza\_size;



1. **Pizza sold by pizza catergory**

SELECT pizza\_category,sum(quantity) AS 'Total Pizza sold' FROM pizza\_sales

GROUP BY pizza\_category;

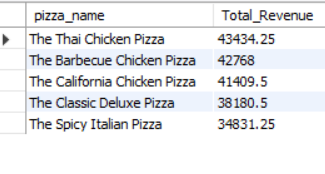


1. **Top 5 best seller by revenue,total quantity and total Orders**
2. **Top 5 Best seller by revenue**

SELECT pizza\_name,sum(total\_price) AS 'Total\_Revenue' FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC LIMIT 5;

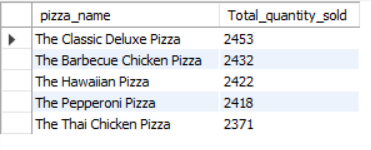


1. **best seller by total quantity**

SELECT pizza\_name,sum(quantity) AS 'Total\_quantity\_sold' FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity\_sold DESC LIMIT 5;

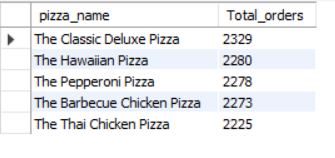


1. **best seller by total orders**

SELECT pizza\_name, COUNT(distinct order\_id) AS 'Total\_orders' FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_orders DESC LIMIT 5;

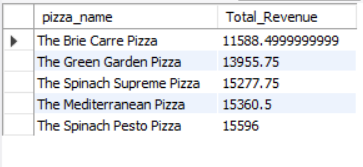


1. **Bottom 5 seller by revenue,total quantity and total Orders**
2. **Bottom 5 seller by revenue**

SELECT pizza\_name,sum(total\_price) AS 'Total\_Revenue' FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue LIMIT 5;

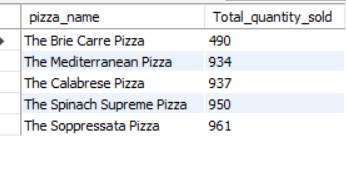


**b. Bottom 5 seller by total quantity**

SELECT pizza\_name,sum(quantity) AS 'Total\_quantity\_sold' FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity\_sold LIMIT 5;



**c. Bottom 5 seller by total orders**

SELECT pizza\_name, COUNT(distinct order\_id) AS 'Total\_orders' FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_orders LIMIT 5;

