# SQL QUERIES

# A.KPI’S

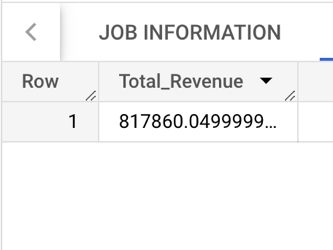
# 1. TOTAL REVENUE

SELECT

SUM(total\_price) AS Total\_Revenue

FROM

`pizasales.PizaSales.Sales`;



# 2. AVERAGE ORDER VALUE

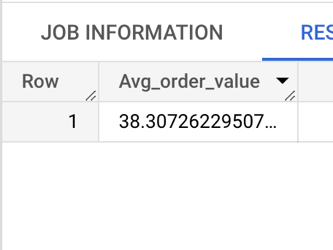
SELECT

SUM(total\_price) /

COUNT(DISTINCT order\_id ) AS Avg\_order\_value

FROM

`pizasales.PizaSales.Sales`;



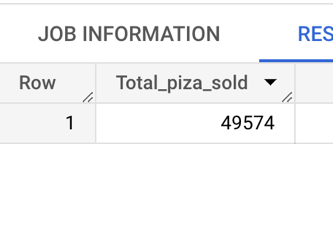
# 3. TOTAL PIZA SOLD

SELECT

SUM(quantity) AS Total\_piza\_sold

FROM

`pizasales.PizaSales.Sales`;



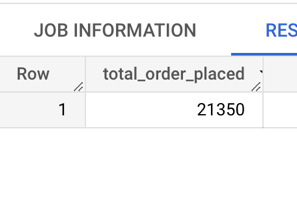
# 4. TOTAL ORDER PLACED

SELECT

COUNT(DISTINCT order\_id ) AS total\_order\_placed

FROM

`pizasales.PizaSales.Sales`;



# 5. AVERAGE PIZA ORDER

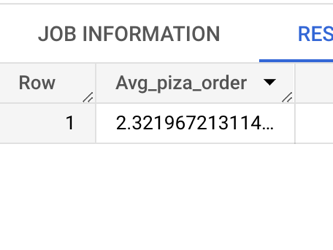
SELECT

ROUND(SUM(quantity) /

COUNT(DISTINCT order\_id), 2) AS Avg\_pizza\_order

FROM

`pizasales.PizaSales.Sales`;



# B.CHARTS

# 1. DAILY TREND FOR TOTAL ORDERS

SELECT

FORMAT\_DATETIME("%A", order\_date) AS order\_day,

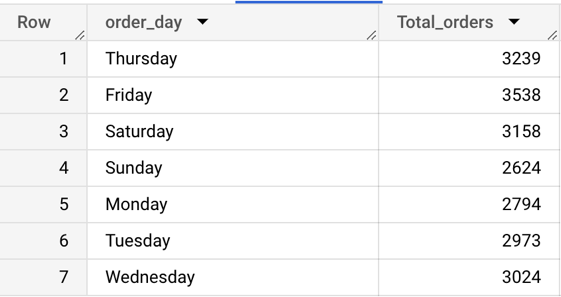
COUNT(DISTINCT order\_id) AS Total\_orders

FROM

`pizasales.PizaSales.Sales`

GROUP BY

order\_day;



# 2.MONTHLY TREND FOR TOTAL ORDERS

SELECT

FORMAT\_DATETIME("%B", order\_date) AS order\_month,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM

`pizasales.PizaSales.Sales`

GROUP BY

order\_month

ORDER BY

Total\_orders DESC;



# 3.PERCENTAGE OF SALES BY PIZA CATEGORY

SELECT

pizza\_category AS Category,

SUM(total\_price) \* 100 /

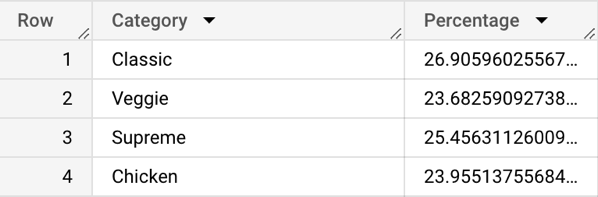
(SELECT SUM(total\_price) FROM `pizasales.PizaSales.Sales`) AS Percentage

FROM

`pizasales.PizaSales.Sales`

GROUP BY

Category;



# 4.PERCENTAGE OF SALES BY PIZA SIZE

SELECT

pizza\_size ,

SUM(total\_price) \* 100 /

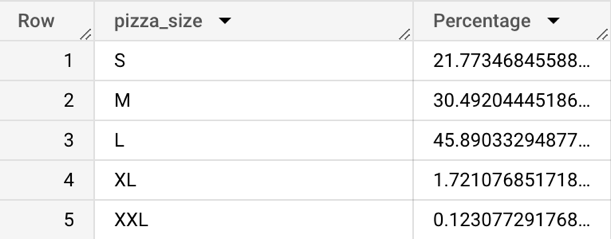
(SELECT SUM(total\_price) FROM `pizasales.PizaSales.Sales`) AS Percentage

FROM

`pizasales.PizaSales.Sales`

GROUP BY

pizza\_size;



# 5.TOTAL PIZA SOLD BY PIZA CATEGORY

SELECT

pizza\_category AS Piza\_category,

SUM(quantity)

FROM

`pizasales.PizaSales.Sales`

GROUP BY

Piza\_category;

# 

# 6.TOP 5 BEST SELLERS BY TOTAL REVENUE

SELECT

pizza\_name ,

ROUND(SUM(total\_price),2) AS Total\_revenue

FROM

`pizasales.PizaSales.Sales`

GROUP BY

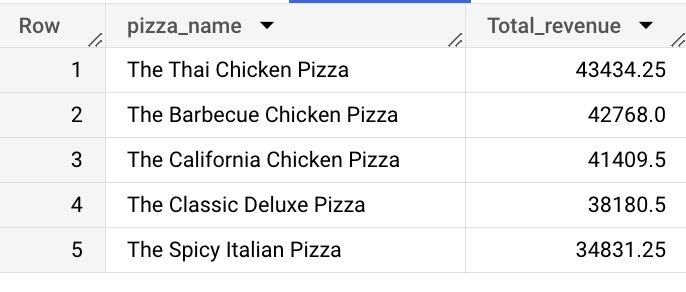
pizza\_name

ORDER BY

Total\_revenue DESC

LIMIT

5;



**7.BOTTM 5 WORST SELLERS BY TOTAL REVENUE**

SELECT

pizza\_name ,

ROUND(SUM(total\_price),2) AS Total\_revenue

FROM

`pizasales.PizaSales.Sales`

GROUP BY

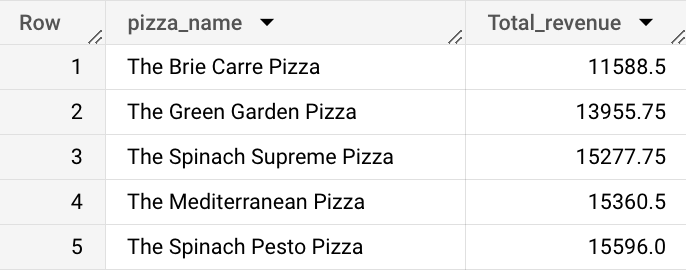
pizza\_name

ORDER BY

revenue ASC

LIMIT

5;



**8.TOP 5 BEST SELLERS BY TOTAL QUANTITY**

SELECT

pizza\_name ,

SUM(quantity) AS Total\_quantity

FROM

`pizasales.PizaSales.Sales`

GROUP BY

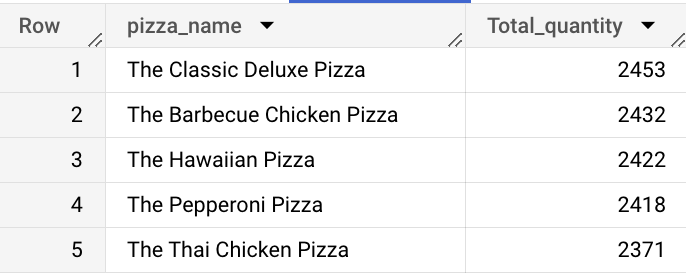
pizza\_name

ORDER BY

Total\_quantity DESC

LIMIT

5;



**9.BOTTM 5 WORST SELLERS BY TOTAL QUANTITY**

SELECT

pizza\_name ,

SUM(quantity) AS Total\_quantity

FROM

`pizasales.PizaSales.Sales`

GROUP BY

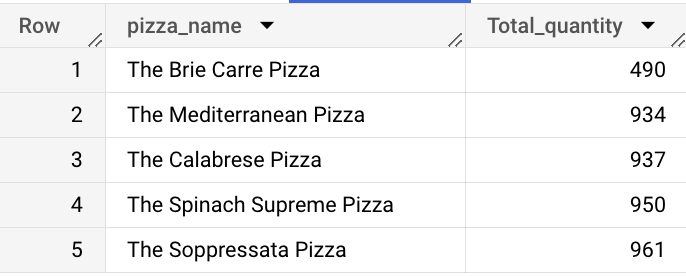
pizza\_name

ORDER BY

Total\_quantity ASC

LIMIT

5;



**10.TOP 5 BEST SELLERS BY ORDERS**

SELECT

pizza\_name ,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM

`pizasales.PizaSales.Sales`

GROUP BY

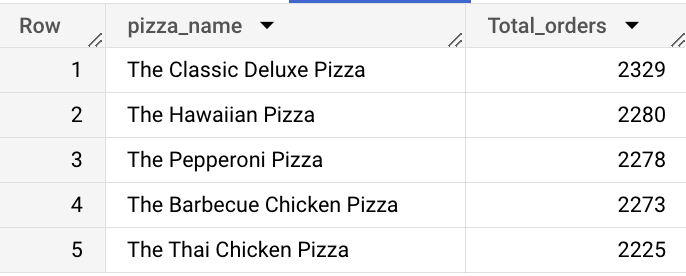
pizza\_name

ORDER BY

Total\_orders DESC

LIMIT

5;



**11.BOTTM 5 WORST SELLERS BY ORDERS**

SELECT

pizza\_name ,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM

`pizasales.PizaSales.Sales`

GROUP BY

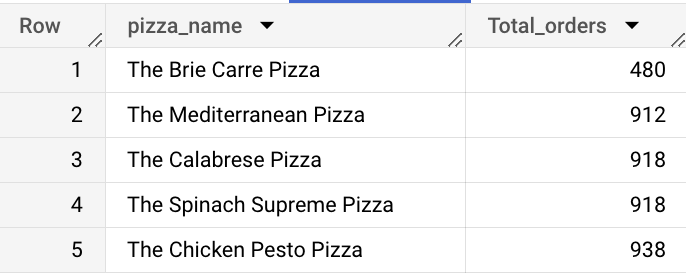
pizza\_name

ORDER BY

Total\_orders ASC

LIMIT

5;



**12.HOURLY TREND FOR TOTAL PIZAS SOLD**

SELECT

EXTRACT(HOUR FROM order\_time) AS Order\_hour,

SUM(quantity) AS Total\_pizas\_sold

FROM

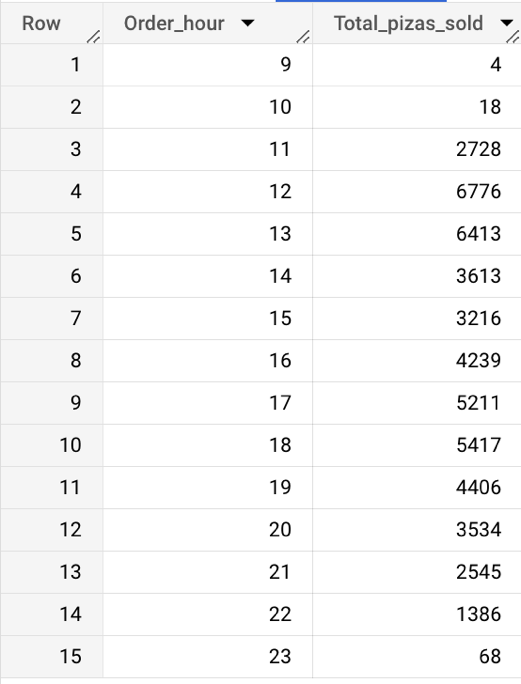
`pizasales.PizaSales.Sales`

GROUP BY

Order\_hour

ORDER BY

Order\_hour;



**13.WEEKLY TREND FOR TOTAL ORDERS**

SELECT

EXTRACT(WEEK FROM order\_date) AS Week\_number,

EXTRACT(YEAR FROM order\_date) AS Year,

COUNT(DISTINCT order\_id) AS Total\_orders

FROM

`pizasales.PizaSales.Sales`

GROUP BY

Week\_number,Year

ORDER BY

Week\_number,Year

