**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECTSUM(total\_price)AS Total\_Revenue FROM pizza\_sales;



**2. Average Order Value**

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



**3. Total Pizzas Sold**

SELECTSUM(quantity)AS Total\_pizza\_sold FROM pizza\_sales



**4. Total Orders**

SELECTCOUNT(DISTINCTorder\_id)AS Total\_Orders FROM pizza\_sales



**5. Average Pizzas Per Order**

SELECTCAST(CAST(SUM(quantity)ASDECIMAL(10,2))/

CAST(COUNT(DISTINCTorder\_id)ASDECIMAL(10,2))ASDECIMAL(10,2))

AS Avg\_Pizzas\_per\_order

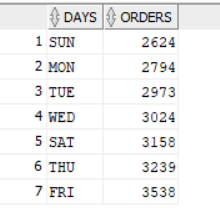
FROM pizza\_sales



**B. Daily Trend for Total Orders  
SELECT TO\_CHAR(ORDER\_DATE,'DY') AS DAYS ,COUNT(DISTINCT ORDER\_ID)AS ORDERS FROM PIZZA GROUP BY TO\_CHAR(ORDER\_DATE,'DY')**

**ORDER BY COUNT(DISTINCT ORDER\_ID) ASC**

***Output:***

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**C. Monthly Trend for Orders**

**SELECT to\_char (order\_date,'MON') AS MONTHS,COUNT(DISTINCT ORDER\_ID) AS ORDERS FROM PIZZA GROUP BY to\_char(order\_date,'MON')**

**ORDER BY COUNT(DISTINCT ORDER\_ID) ASC**

***Output***

****

**D. % of Sales by Pizza Category**

SELECT pizza\_category,CAST(SUM(total\_price)ASDECIMAL(10,2))as total\_revenue,

CAST(SUM(total\_price)\* 100 /(SELECTSUM(total\_price)from pizza\_sales)ASDECIMAL(10,2))AS PCT

FROM pizza\_sales

GROUPBY pizza\_category

***Output***

****

**E. % of Sales by Pizza Size**

SELECT pizza\_size,CAST(SUM(total\_price)ASDECIMAL(10,2))as total\_revenue,

CAST(SUM(total\_price)\* 100 /(SELECTSUM(total\_price)from pizza\_sales)ASDECIMAL(10,2))AS PCT

FROM pizza\_sales

GROUPBY pizza\_size

ORDERBY pizza\_size

***Output***

****

**F. Total Pizzas Sold by Pizza Category**

SELECT pizza\_category,SUM(quantity)as Total\_Quantity\_Sold

FROM pizza\_sales

WHEREMONTH(order\_date)= 2

GROUPBY pizza\_category

ORDERBY Total\_Quantity\_Sold DESC

***Output***

****

**G. Top 5 Pizzas by Revenue**

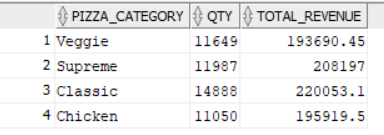
SELECT \* FROM

(SELECT PIZZA\_NAME,SUM(TOTAL\_PRICE),COUNT(DISTINCT ORDER\_ID) FROM PIZZA GROUP BY PIZZA\_NAME

ORDER BY COUNT(DISTINCT ORDER\_ID) DESC)

WHERE ROWNUM<=5

**OUTPUT**

****

**H. Bottom 5 Pizzas by Revenue**

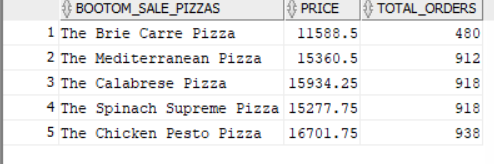
SELECT \* FROM

(SELECT PIZZA\_NAME AS BOOTOM\_SALE\_PIZZAS,SUM(TOTAL\_PRICE)AS PRICE,COUNT(DISTINCT ORDER\_ID)AS TOTAL\_ORDERS FROM PIZZA GROUP BY PIZZA\_NAME

ORDER BY COUNT(DISTINCT ORDER\_ID)ASC)

WHERE ROWNUM<=5

**OUTPUT**

****

**I. Top 5 Pizzas by Quantity**

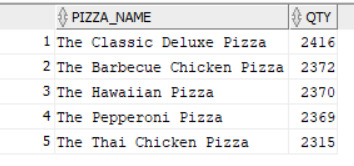
SELECT \* FROM

(SELECT PIZZA\_NAME,COUNT(QUANTITY)AS QTY FROM PIZZA GROUP BY PIZZA\_NAME

ORDER BY COUNT(QUANTITY)DESC)

WHERE ROWNUM<=5

***Output***

******

**J. Bottom5 Pizzas by Quantity**

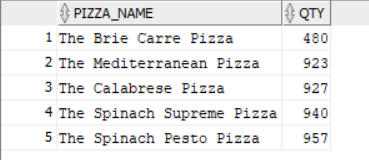
SELECT \* FROM

(SELECT PIZZA\_NAME,COUNT(QUANTITY)AS QTY FROM PIZZA GROUP BY PIZZA\_NAME

ORDER BY COUNT(QUANTITY)ASC)

WHERE ROWNUM<=5

***Output***

****

**K. Top 5 Pizzas by Total Orders**

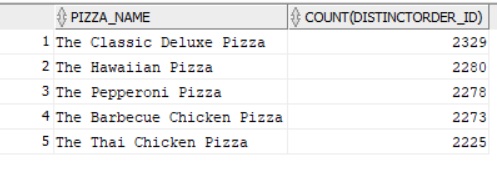
SELECT \* FROM

(SELECT PIZZA\_NAME,COUNT(DISTINCT ORDER\_ID) FROM PIZZA GROUP BY PIZZA\_NAME

ORDER BY COUNT(DISTINCT ORDER\_ID) DESC)

WHERE ROWNUM<=5

**OUTPUT**

****

**L. Bottom 5 Pizzas by Total Orders**

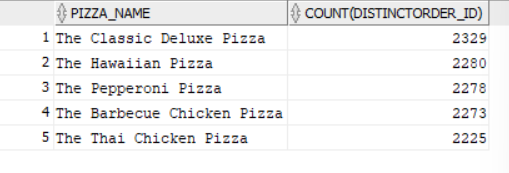
SELECT \* FROM

(SELECT PIZZA\_NAME,COUNT(DISTINCT ORDER\_ID) FROM PIZZA GROUP BY PIZZA\_NAME

ORDER BY COUNT(DISTINCT ORDER\_ID) ASC)

WHERE ROWNUM<=5

**OUTPUT**

******

***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

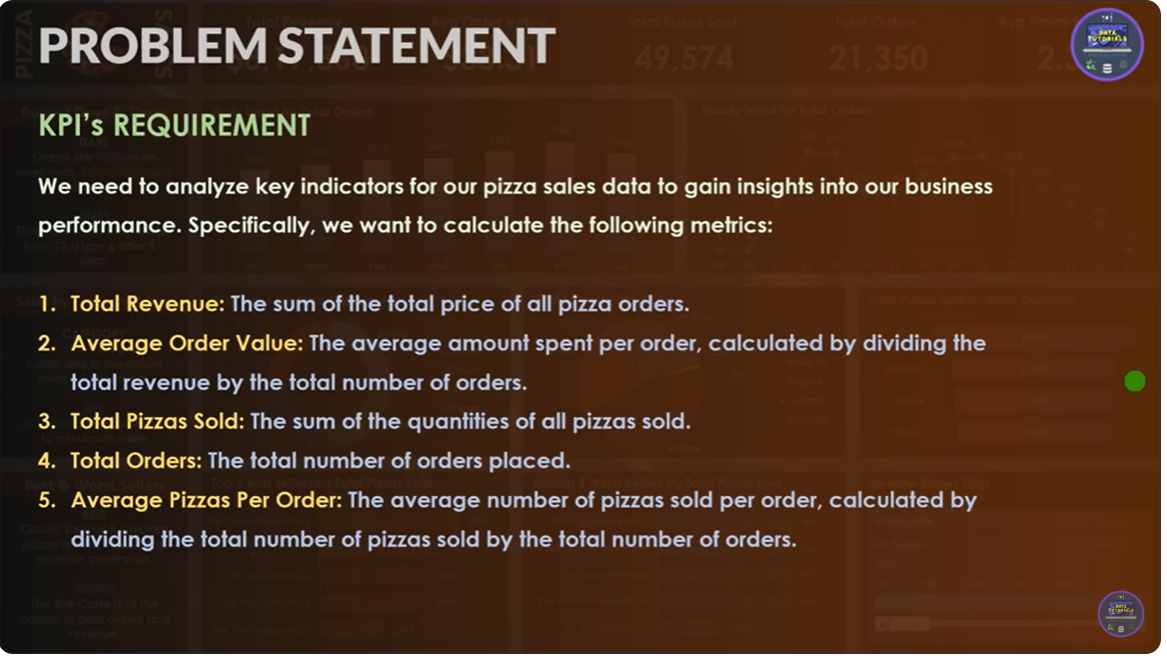
SELECTTop 5 pizza\_name,COUNT(DISTINCT order\_id)AS Total\_Orders

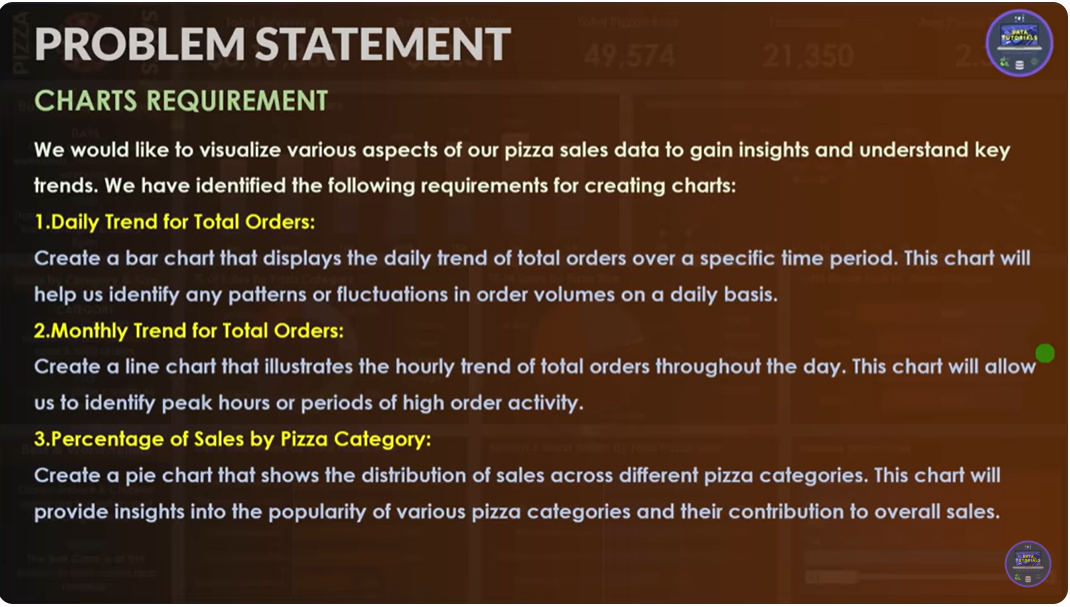
FROM pizza\_sales

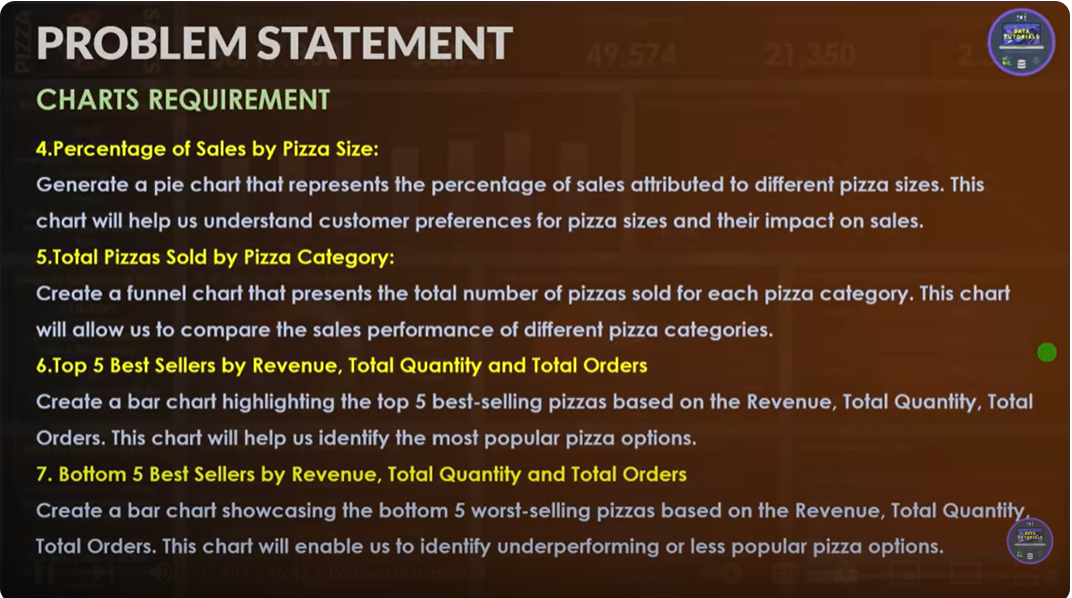
WHERE pizza\_category ='Classic'

GROUPBY pizza\_name

ORDERBY Total\_Orders ASC







**1. select \* from pizza**

**2. select sum(total\_price) AS TOTAL\_REVENUE FROM pizza**

**3. select (sum(total\_price)/count(distinct order\_id)) as average\_order\_value from pizza**

**4.select sum(quantity) as Total\_pizzas\_sold from pizza**

**5.select count(distinct order\_id) as total\_orders from pizza**

**6.select cast(sum(quantity)/count(distinct order\_id)as decimal(10,2)) as average\_pizzas\_per\_order from pizza**

**7.SELECT TO\_CHAR(ORDER\_DATE,'DY') AS DAYS ,COUNT(DISTINCT ORDER\_ID)AS ORDERS FROM PIZZA GROUP BY TO\_CHAR(ORDER\_DATE,'DY')**

**ORDER BY COUNT(DISTINCT ORDER\_ID) ASC**

**8.SELECT to\_char(order\_date,'MON')AS MONTHS,COUNT(DISTINCT ORDER\_ID) AS ORDERS FROM PIZZA GROUP BY to\_char(order\_date,'MON')**

**ORDER BY COUNT(DISTINCT ORDER\_ID) ASC**

**9.SELECT PIZZA\_CATEGORY,SUM(TOTAL\_PRICE)AS TOTAL\_REVENUE,**

**CAST(SUM(TOTAL\_PRICE)\*100/(SELECT SUM(TOTAL\_PRICE) FROM PIZZA)AS DECIMAL(10,2))AS PERCENTAGE**

**FROM PIZZA GROUP BY PIZZA\_CATEGORY**

**10.SELECT PIZZA\_SIZE,SUM(TOTAL\_PRICE)AS PRICE,CAST(SUM(TOTAL\_PRICE)\*100/(SELECT SUM(TOTAL\_PRICE)FROM PIZZA)AS DECIMAL(10,2)) AS PERCENTAGE**

**FROM PIZZA GROUP BY PIZZA\_SIZE**

**11.SELECT PIZZA\_CATEGORY,SUM(QUANTITY)AS QTY,SUM(TOTAL\_PRICE) AS TOTAL\_REVENUE FROM PIZZA GROUP BY PIZZA\_CATEGORY**

**ORDER BY PIZZA\_CATEGORY DESC**

**12.SELECT \* FROM**

**(SELECT PIZZA\_NAME,SUM(TOTAL\_PRICE),COUNT(DISTINCT ORDER\_ID) FROM PIZZA GROUP BY PIZZA\_NAME**

**ORDER BY COUNT(DISTINCT ORDER\_ID) DESC)**

**WHERE ROWNUM<=5**

**13.SELECT \* FROM**

**(SELECT PIZZA\_NAME AS BOOTOM\_SALE\_PIZZAS,SUM(TOTAL\_PRICE)AS PRICE,COUNT(DISTINCT ORDER\_ID)AS TOTAL\_ORDERS FROM PIZZA GROUP BY PIZZA\_NAME**

**ORDER BY COUNT(DISTINCT ORDER\_ID)ASC)**

**WHERE ROWNUM<=5**

**14.SELECT \* FROM**

**(SELECT PIZZA\_NAME,COUNT(QUANTITY)AS QTY FROM PIZZA GROUP BY PIZZA\_NAME**

**ORDER BY COUNT(QUANTITY)DESC)**

**WHERE ROWNUM<=5**

**15.SELECT \* FROM**

**(SELECT PIZZA\_NAME,COUNT(QUANTITY)AS QTY FROM PIZZA GROUP BY PIZZA\_NAME**

**ORDER BY COUNT(QUANTITY)ASC)**

**WHERE ROWNUM<=5**

**16.SELECT \* FROM**

**(SELECT PIZZA\_NAME,COUNT(DISTINCT ORDER\_ID) FROM PIZZA GROUP BY PIZZA\_NAME**

**ORDER BY COUNT(DISTINCT ORDER\_ID) DESC)**

**WHERE ROWNUM<=5**

**17.SELECT \* FROM**

**(SELECT PIZZA\_NAME,COUNT(DISTINCT ORDER\_ID) FROM PIZZA GROUP BY PIZZA\_NAME**

**ORDER BY COUNT(DISTINCT ORDER\_ID) ASC)**

**WHERE ROWNUM<=5**