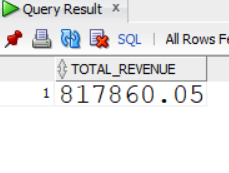
**PIZZA SALES SQL QUERIES**

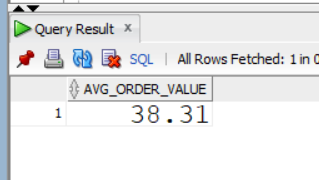
**A. KPI’s**

--**1. Total Revenue:**

select sum(total\_price) as TOTAL\_REVENUE from pizza\_sales;

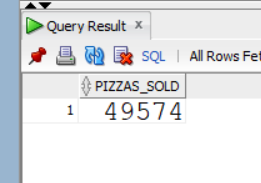
**2. Average Order Value**

select round((sum(total\_price) / count(distinct(order\_id))),2) as avg\_order\_value from pizza\_sales;



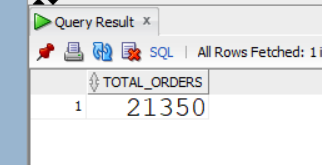
**3. Total Pizzas Sold**

select sum(ps.quantity)as pizzas\_sold from pizza\_sales ps;



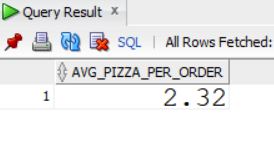
**4. Total Orders**

select count(distinct(order\_id))as total\_orders from pizza\_sales ps;

****

**5. Average Pizzas Per Order**

select round(sum(ps.quantity)/count(distinct(order\_id)),2) as avg\_pizza\_per\_order from pizza\_sales ps;



**B. Hourly Trend for Total Pizzas Sold**

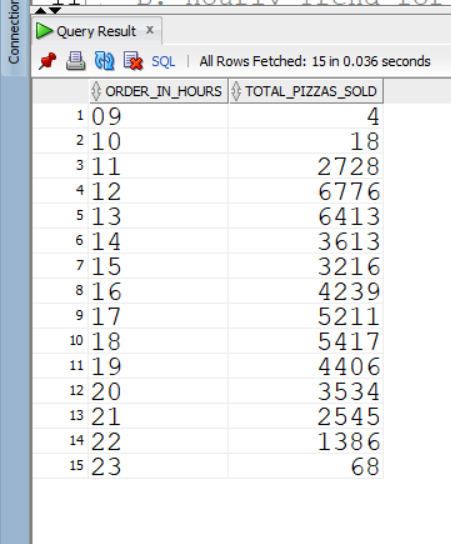
SELECT TO\_CHAR(TO\_DATE(order\_time, 'HH24:MI:SS'), 'HH24') AS ORDER\_IN\_HOURS,

SUM(quantity) as total\_pizzas\_sold

FROM pizza\_sales

GROUP BY TO\_CHAR(TO\_DATE(order\_time, 'HH24:MI:SS'), 'HH24')

ORDER BY TO\_CHAR(TO\_DATE(order\_time, 'HH24:MI:SS'), 'HH24');



**C. Weekly Trend for Orders**

SELECT

TO\_CHAR (order\_date, 'IW') AS WeekNumber, -- ISO week number

TO\_CHAR (order\_date, 'YYYY') AS Year, -- Year

COUNT (DISTINCT order\_id) AS Total\_orders

FROM

pizza\_sales

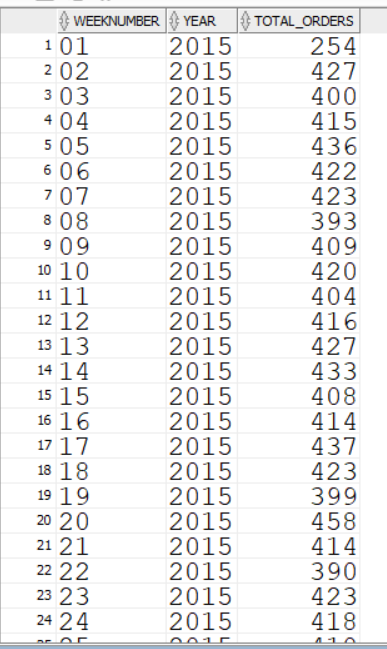
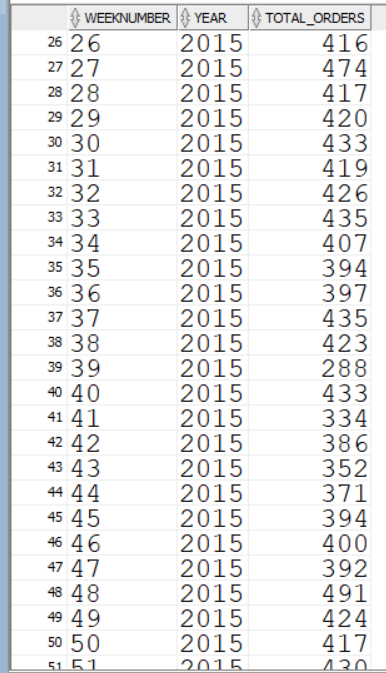
GROUP BY

TO\_CHAR(order\_date, 'IW'), -- Group by ISO week number

TO\_CHAR (order\_date, 'YYYY’) -- Group by year

ORDER BY

TO\_CHAR (order\_date, 'YYYY');

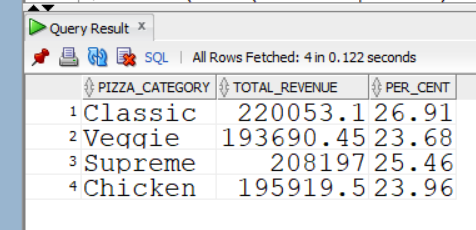
**D. % of Sales by Pizza Category**

SELECT pizza\_category, ROUND (SUM (total\_price),2) as total\_revenue,

ROUND (SUM (total\_price) \* 100 / (SELECT SUM (total\_price) from pizza\_sales),2) AS Per\_cent

FROM pizza\_sales

GROUP BY pizza\_category;



****

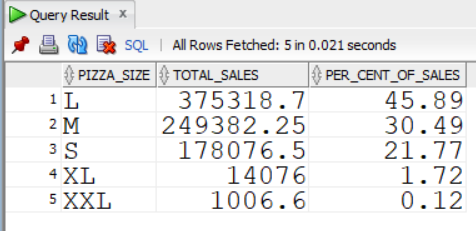
**E. % of Sales by Pizza Size**

select pizza\_size,sum(total\_price)as total\_sales,

round(sum(total\_price)\*100/(select sum(total\_price)from pizza\_sales),2)as per\_cent\_of\_sales from pizza\_sales

group by pizza\_size

ORDER BY pizza\_size;

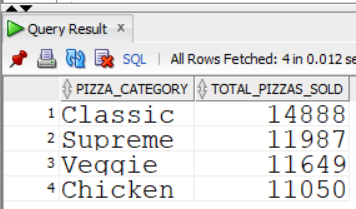


**F. Total Pizzas Sold by Pizza Category**

select pizza\_category, sum(quantity)as total\_pizzas\_sold from pizza\_sales

group by pizza\_category

order by total\_pizzas\_sold desc;



**G. Top 5 Pizzas by Revenue**

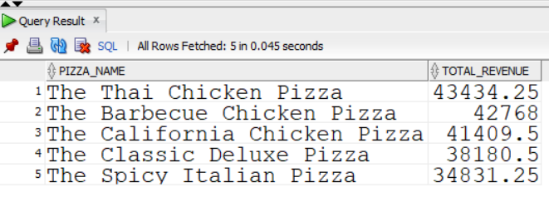
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

FETCH first 5 rows only;



**H. Bottom 5 Pizzas by Revenue**

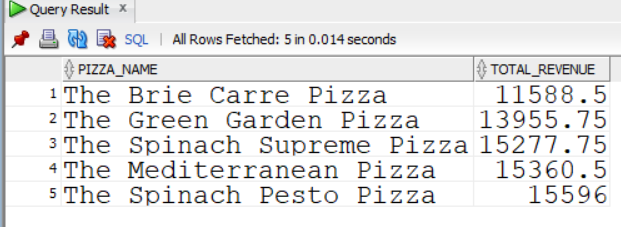
SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

FETCH first 5 rows only;



**I. Top 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

FETCH first 5 rows only;



**J. Bottom 5 Pizzas by Quantity**

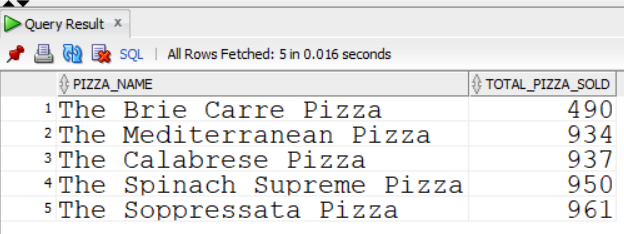
SELECT pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

FETCH first 5 rows only;



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

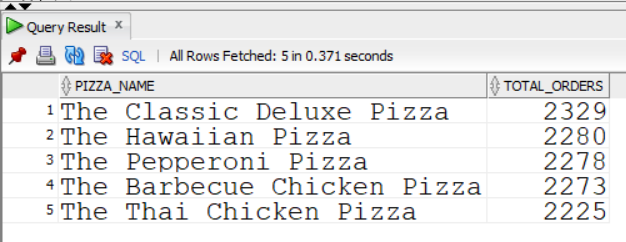
SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

FETCH first 5 rows only;



**L. Borrom 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

FETCH first 5 rows only;

