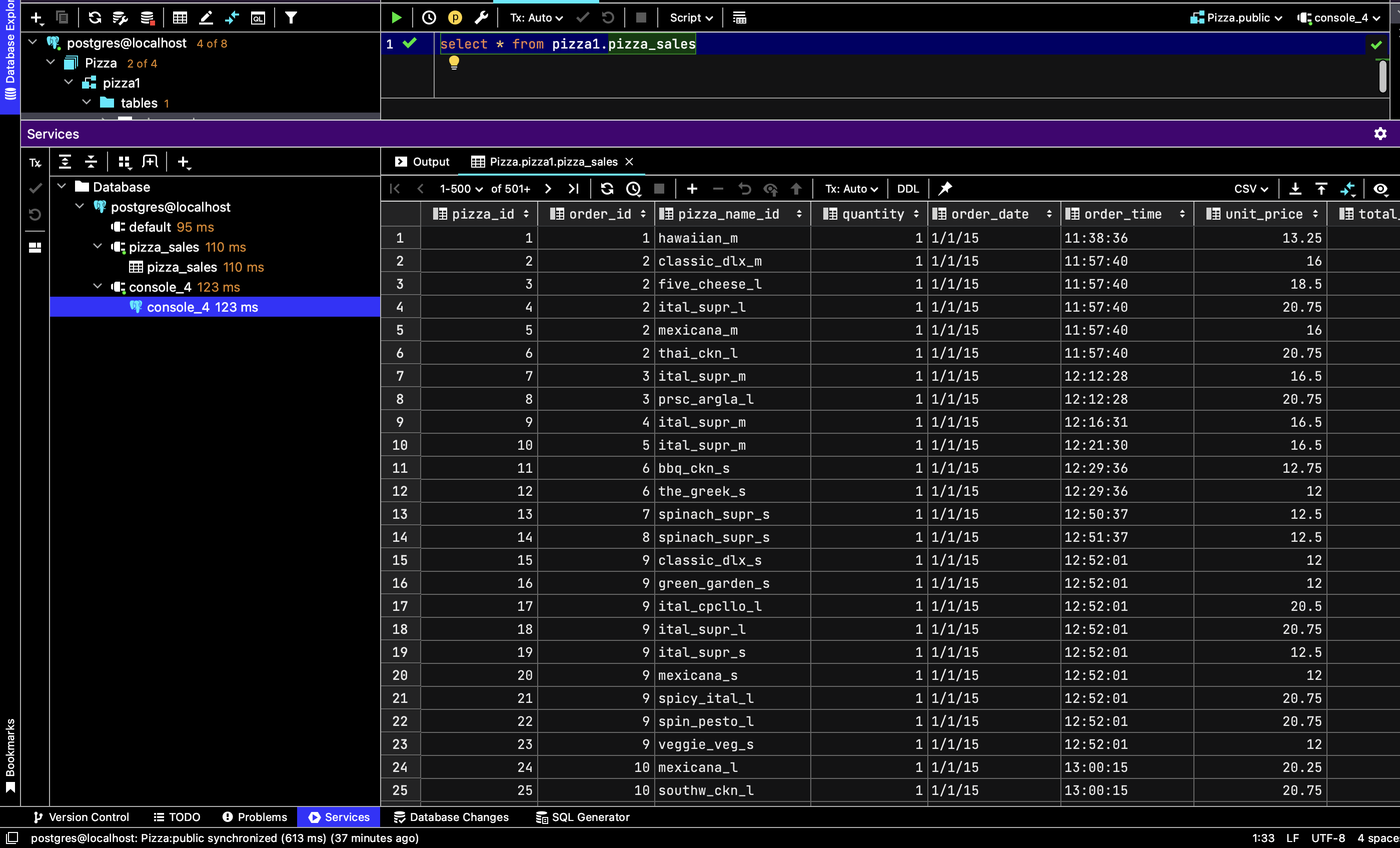
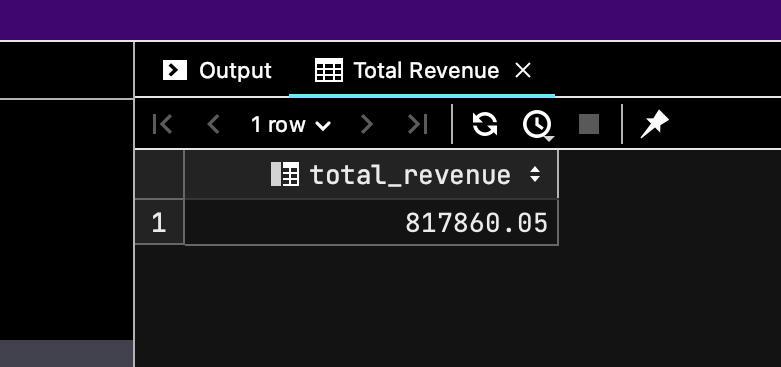
**KPI’s Requirement:**

1.) Pizza Sales:



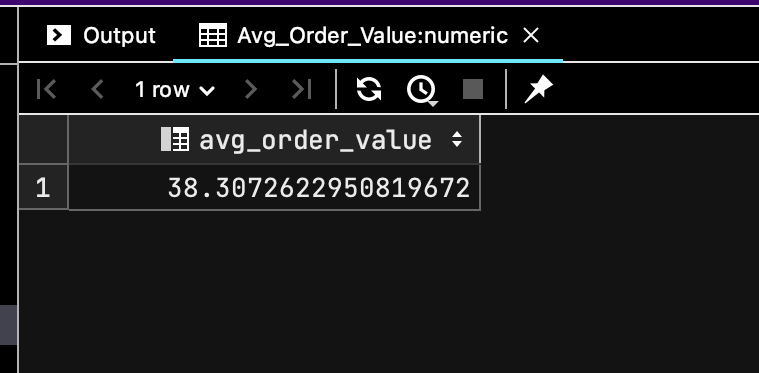
2.) Total Revenue:

/\* Total Revenue \*/  
  
select *sum*(total\_price) as Total\_Revenue from pizza1.pizza\_sales



3.) Average Order Value:

select \* from pizza1.pizza\_sales  
/\* Average Order Value \*/  
  
select *sum*(total\_price) / *count*(distinct order\_id) as Avg\_Order\_Value from pizza1.pizza\_sales



4.) Total Pizzas sold:

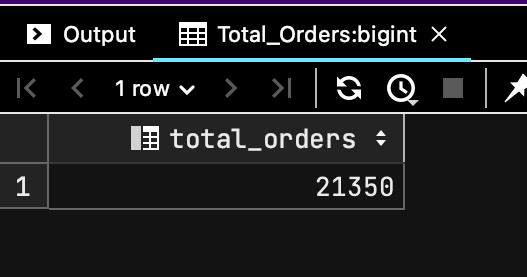
select \* from pizza1.pizza\_sales  
/\* Total Pizzas Sold \*/  
select *sum*(quantity) as Total\_Pizza\_Sold from pizza1.pizza\_sales

A screenshot of a computer

Description automatically generated

5.) Total number of orders place:

select \* from pizza1.pizza\_sales  
  
/\* Total number of orders place \*/  
select *count*(distinct order\_id) as Total\_Orders from pizza1.pizza\_sales



6.) Average Pizzas per order:

select \* from pizza1.pizza\_sales**;**/\* Average Pizzas per order \*/  
select *cast*(*sum*(quantity) as decimal(**10,2**)) / *cast*(*count*(distinct order\_id) as decimal(**10,2**)) as avg\_pizza\_order  
from pizza1.pizza\_sales

A screenshot of a computer

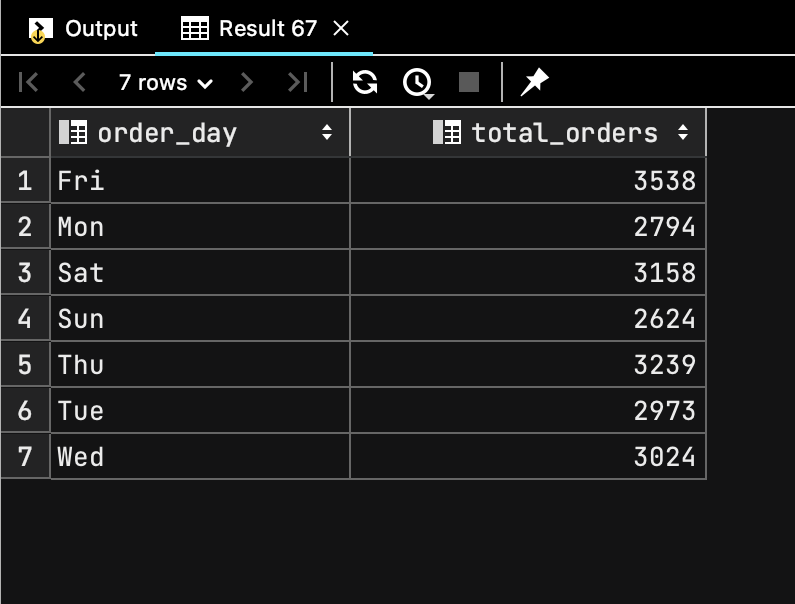
Description automatically generated

**Problem Statement:**

Chart Requirements

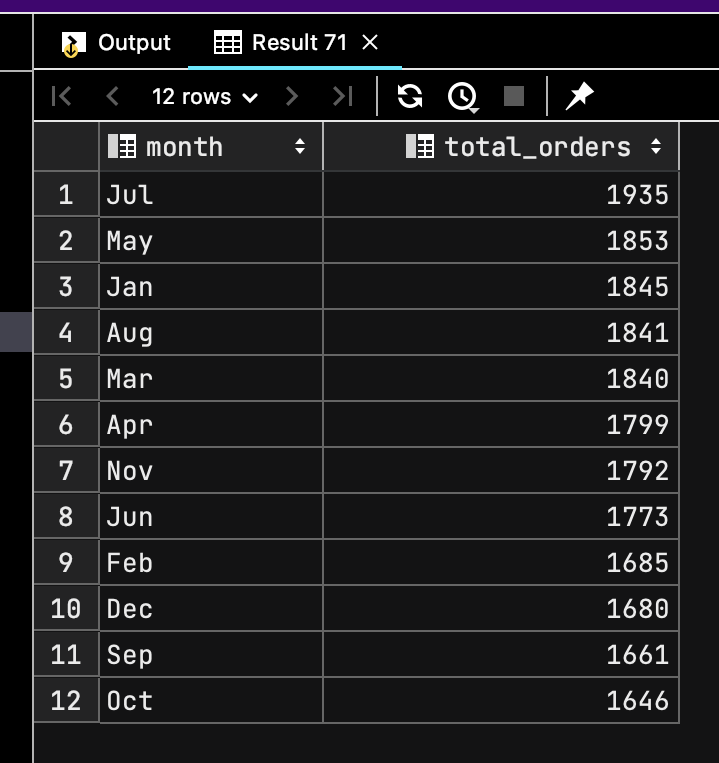
1.) Daily Trend for Total Orders:

select \* from pizza1.pizza\_sales**;**/\* Daily Trend for Total Orders \*/  
  
SELECT *TO\_CHAR*(*TO\_DATE*(order\_date**,** 'DD/MM/YY')**,** 'Dy') AS order\_day**,** *COUNT*(DISTINCT order\_id) AS total\_orders  
FROM pizza1.pizza\_sales  
GROUP BY *TO\_CHAR*(*TO\_DATE*(order\_date**,** 'DD/MM/YY')**,** 'Dy')**;**



2.) Monthly Trend for Total Orders:

select \* from pizza1.pizza\_sales**;**/\* Monthly Trend for Total Orders \*/  
  
SELECT *TO\_CHAR*(*TO\_DATE*(order\_date**,** 'DD/MM/YY')**,** 'Mon') AS month**,** *COUNT*(DISTINCT order\_id) AS Total\_orders  
FROM pizza1.pizza\_sales  
GROUP BY *TO\_CHAR*(*TO\_DATE*(order\_date**,** 'DD/MM/YY')**,** 'Mon')  
ORDER BY Total\_orders desc**;**



3.) Total revenue in percentage:

select \* from pizza1.pizza\_sales**;**/\* Total revenue in percentage \*/  
  
select pizza\_category**,** *sum*(total\_price)\* **100** / (select *sum*(total\_price) from pizza1.pizza\_sales) as PCT  
from pizza1.pizza\_sales  
group by pizza\_category

A screenshot of a black screen

Description automatically generated

4.) Percentage of sales by Pizza Size: *For quarter*

select \* from pizza1.pizza\_sales**;**/\* Percentage of sales by Pizza Size: For quarter\*/  
  
SELECT pizza\_size**,** *CAST*(*SUM*(total\_price) AS decimal(**10, 2**)) AS Total\_Sales**,** *CAST*(*SUM*(total\_price) \* **100** / (SELECT *SUM*(total\_price) FROM pizza1.pizza\_sales WHERE *EXTRACT*(QUARTER FROM *TO\_DATE*(order\_date**,** 'DD/MM/YY')) = **1**) AS decimal(**10, 2**)) AS pct  
FROM pizza1.pizza\_sales  
WHERE *EXTRACT*(QUARTER FROM *TO\_DATE*(order\_date**,** 'DD/MM/YY')) = **1**GROUP BY pizza\_size  
ORDER BY pct DESC**;**

A screenshot of a computer

Description automatically generated

Top 5 Best revenue pizzas:

select \* from pizza1.pizza\_sales**;**/\* Top 5 Best revenue pizzas \*/  
  
select pizza\_name**,** *sum*(total\_price) as total\_revenue from pizza1.pizza\_sales  
group by pizza\_name  
order by total\_revenue desc  
limit **5**

A screenshot of a computer

Description automatically generated

Bottom 5 Worst revenue pizzas:

select \* from pizza1.pizza\_sales**;**/\* Bottom 5 Worst revenue pizzas \*/  
  
select pizza\_name**,** *sum*(total\_price) as total\_revenue from pizza1.pizza\_sales  
group by pizza\_name  
order by total\_revenue  
limit **5**

A black rectangular object with white text

Description automatically generated

Top 5 Best Quantity Pizzas:

select \* from pizza1.pizza\_sales**;**/\* Top 5 Best Quantity pizzas \*/  
  
select pizza\_name**,** *sum*(quantity) as total\_quantity from pizza1.pizza\_sales  
group by pizza\_name  
order by total\_quantity desc  
limit **5**

Worst 5 Quantity pizzas:

select \* from pizza1.pizza\_sales**;**/\* Worst 5 Quantity pizzas \*/  
  
select pizza\_name**,** *sum*(quantity) as total\_quantity from pizza1.pizza\_sales  
group by pizza\_name  
order by total\_quantity  
limit **5**

A black rectangular object with white lines

Description automatically generated

Top 5 according to Order id:

select \* from pizza1.pizza\_sales**;**/\* Top 5 according to Order id \*/  
  
SELECT pizza\_name**,** *COUNT*(DISTINCT order\_id) AS total\_orders  
FROM pizza1.pizza\_sales  
GROUP BY pizza\_name  
ORDER BY total\_orders DESC  
LIMIT **5;**

A black background with horizontal lines

Description automatically generated with medium confidence

Bottom 5 :

select \* from pizza1.pizza\_sales**;**/\* Bottom 5 according to Order id \*/  
  
SELECT pizza\_name**,** *COUNT*(DISTINCT order\_id) AS total\_orders  
FROM pizza1.pizza\_sales  
GROUP BY pizza\_name  
ORDER BY total\_orders  
LIMIT **5;**

A black rectangular object with white text

Description automatically generated