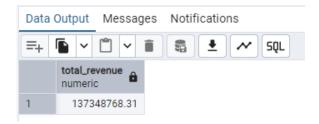
-- Import the data from file create table amazon\_sales (Region varchar,Country varchar,Item\_Type varchar,Sales\_Channel varchar, Order\_Priority varchar, Order\_Date date,Order\_ID numeric,Ship\_Date date, Units\_Sold numeric,Unit\_Price numeric,Unit\_Cost numeric,Total\_Revenue numeric, Total\_Cost numeric,Total\_Profit numeric); select \* from amazon\_sales;

- -- KPI's Requirement
- -- Q1. Find out the Total Revenue. select sum(total\_revenue) as Total\_Revenue from amazon\_sales;



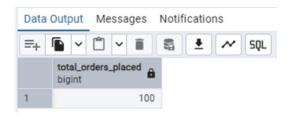
-- Q2. Determine Average Order Value. select sum(total\_revenue)/count(distinct order\_id) as Avg\_Order\_Val from amazon\_sales;



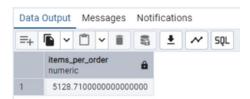
-- Q3. Find the quantity of Total Items Sold. select sum(units\_sold) as Total\_Items\_Sold from amazon\_sales;



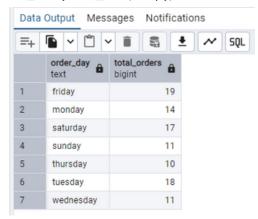
-- Q4. Find Total Orders Placed. select count(distinct order\_id) as Total\_Orders\_Placed from amazon\_sales;



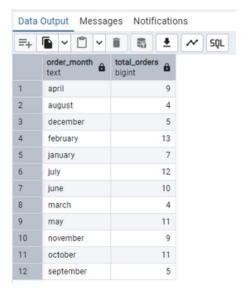
-- Q5. Calculate average Items Per Order. select sum(units\_sold)/count(distinct order\_id) as Items\_Per\_Order from amazon\_sales;



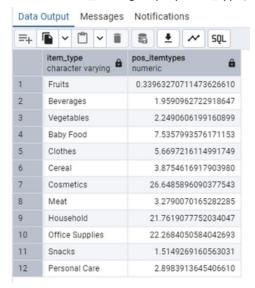
- --Charts Requirement
- -- Q1. Find out Daily Trend For Total Orders. select to\_char(order\_date, 'day') as Order\_Day, count(distinct order\_id) as Total\_Orders from amazon\_sales group by to\_char(order\_date, 'day');



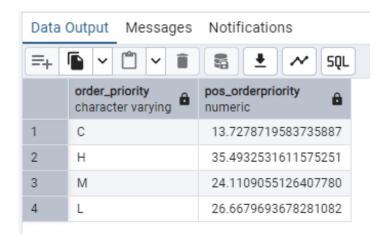
-- Q2. Find out Monthtly Trend For Total Orders. select to\_char(order\_date, 'month') as Order\_Month, count(distinct order\_id) as Total\_Orders from amazon\_sales group by to\_char(order\_date, 'month');



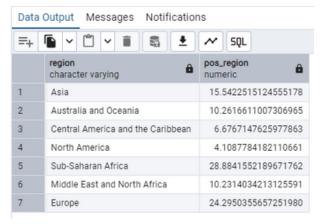
-- Q3. Calculate Percentage of Sales by Item Types. select item\_type, sum(total\_revenue) \* 100 / (select sum (total\_revenue) from amazon\_sales) as POS\_ItemTypes from amazon\_sales group by item\_type;



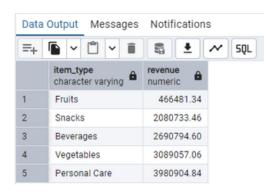
-- Q4. Calculate Percentage of Sales by Order Priority.
select order\_priority, sum(total\_revenue) \* 100 / (select sum (total\_revenue) from amazon\_sales) as POS\_OrderPriority from amazon\_sales group by order\_priority;



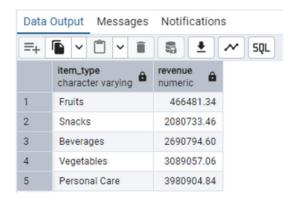
-- Q5. Calculate Percentage of Sales by Region. select Region, sum(total\_revenue) \* 100 / (select sum (total\_revenue) from amazon\_sales) as POS\_Region from amazon\_sales group by Region;



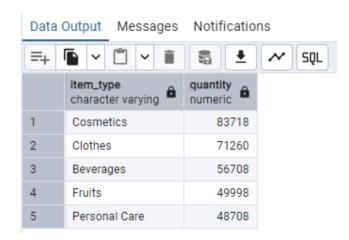
-- Q6. Find Out Top 5 Items by Revenue. select item\_type, sum(total\_revenue) as Revenue from amazon\_sales group by item\_type order by Revenue Desc limit 5;



-- Q7. Find Out Bottom 5 Items by Revenue. select item\_type, sum(total\_revenue) as Revenue from amazon\_sales group by item\_type order by Revenue limit 5;



-- Q8. Find Out Top 5 Items by Quantity. select item\_type, sum(units\_sold) as Quantity from amazon\_sales group by item\_type order by Quantity Desc limit 5;



-- Q9. Find Out Bottom 5 Items by Quantity. select item\_type, sum(units\_sold) as Quantity from amazon\_sales group by item\_type order by Quantity limit 5;

