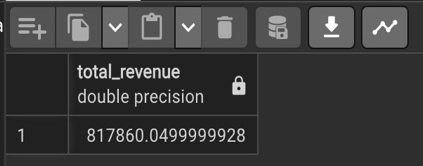
**PIZZA SALE SQL QUERIES**

1. **KPI’S:**
2. **Total Revenue:**

**SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales;**

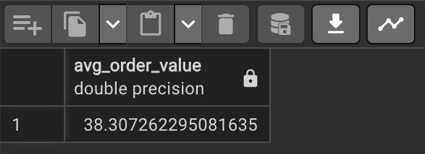
***Output:***

****

1. **Average Order Value:**

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

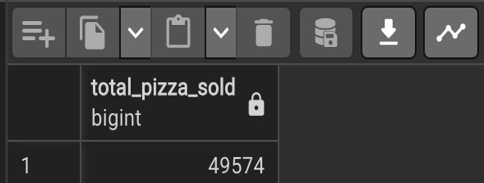
***Output:***

****

1. **Total Pizzas Sold:**

**SELECT SUM(quantity) AS Total\_Pizza\_Sold FROM pizza\_sales;**

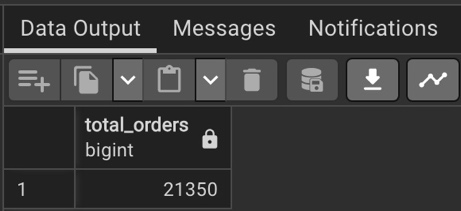
***Output:***

****

1. **Total Orders:**

**SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales;**

***Output:***

****

1. **Average Pizzas per Order:**

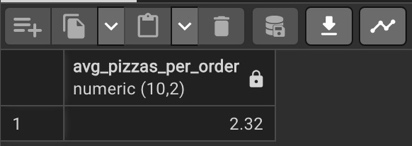
**SELECT CAST(CAST(SUM(quantity) AS DECIMAL (10,2)) /**

**CAST(COUNT(DISTINCT order\_id) AS DECIMAL (10,2)) AS DECIMAL (10,2))**

**AS Avg\_Pizzas\_Per\_Order**

**FROM pizza\_sales;**

***Output:***

****

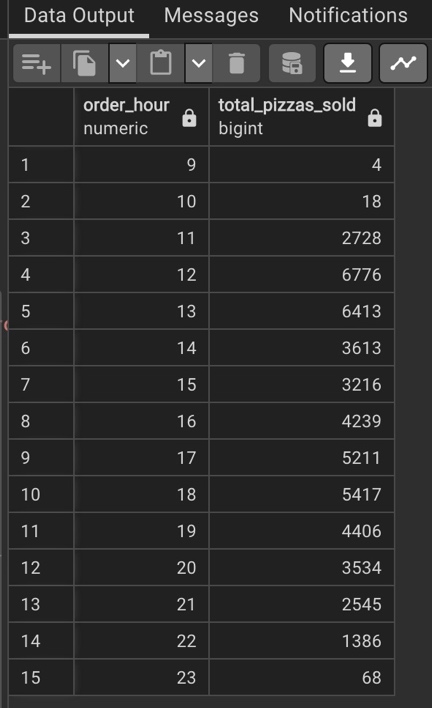
1. **Hourly Trend For Total Pizzas Sold:**

**SELECT EXTRACT(HOUR FROM order\_time) AS order\_hour, SUM(quantity) AS Total\_Pizzas\_Sold from pizza\_sales**

**GROUP BY EXTRACT(HOUR FROM order\_time)**

**ORDER BY EXTRACT(HOUR FROM order\_time);**

***Output:***

****

1. **Hourly Trend For Total Pizzas Sold:**

**SET datestyle = 'ISO, DMY';**

**SELECT**

**TO\_CHAR(to\_date(order\_date, 'DD-MM-YYYY'), 'IYYY') AS Order\_Year,**

**TO\_CHAR(to\_date(order\_date, 'DD-MM-YYYY'), 'IW') AS Week\_Number,**

**COUNT(DISTINCT order\_id) AS Total\_Orders**

**FROM pizza\_sales**

**GROUP BY**

**TO\_CHAR(to\_date(order\_date, 'DD-MM-YYYY'), 'IYYY'),**

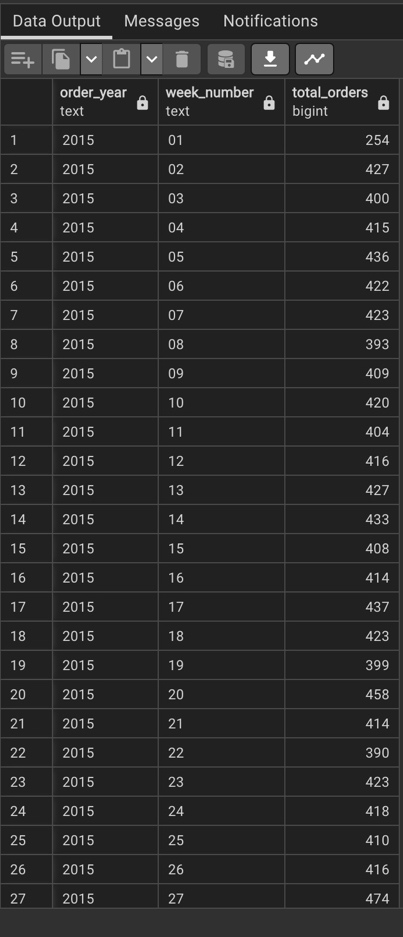
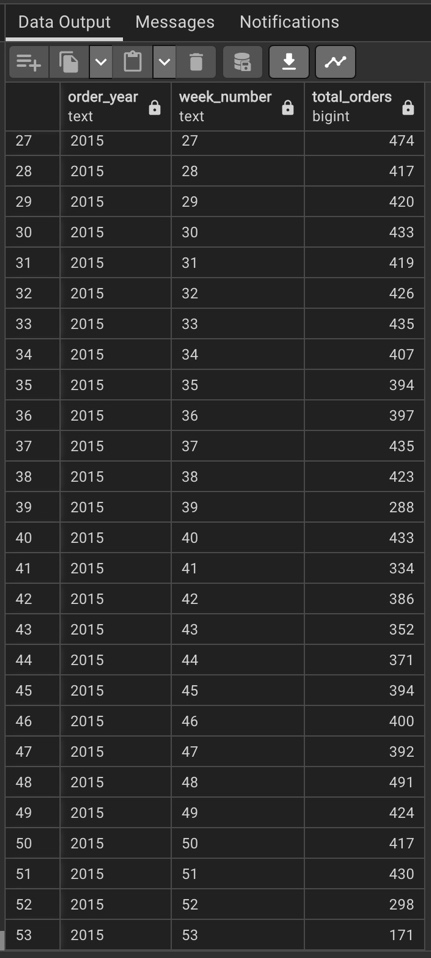
**TO\_CHAR(to\_date(order\_date, 'DD-MM-YYYY'), 'IW')**

**ORDER BY**

**TO\_CHAR(to\_date(order\_date, 'DD-MM-YYYY'), 'IYYY'),**

**TO\_CHAR(to\_date(order\_date, 'DD-MM-YYYY'), 'IW');**

***Output:***

** **

1. **Percentage of Sales by Pizza Category:**

**SELECT pizza\_category, SUM(total\_price) AS Total\_Sales,**

**SUM(total\_price) \* 100 / (**

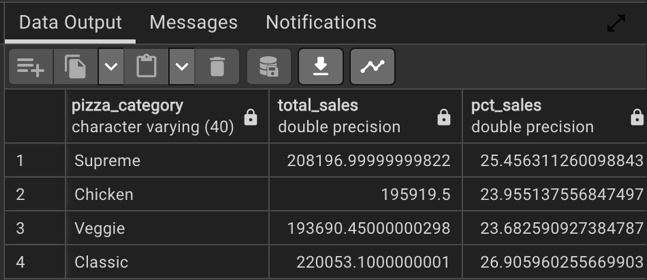
**SELECT SUM(total\_price) FROM pizza\_sales**

**) AS PCT\_Sales**

**FROM pizza\_sales**

**GROUP BY pizza\_category;**

***Output:***

****

1. **Percentage of Sales by Pizza Size:**

**SELECT pizza\_size,**

**CAST(SUM(total\_price) AS DECIMAL(10, 2)) AS Total\_Sales,**

**CAST(SUM(total\_price) \* 100 / (**

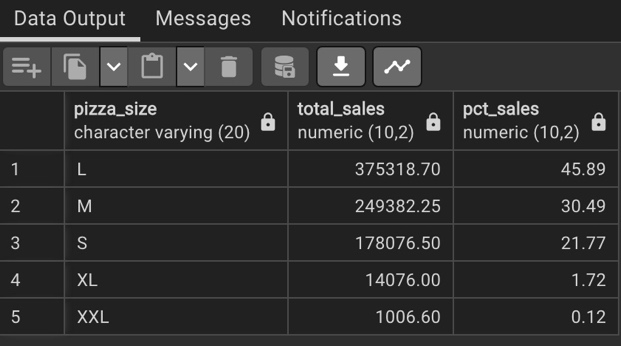
**SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10, 2)) AS PCT\_Sales**

**FROM pizza\_sales**

**GROUP BY pizza\_size**

**ORDER BY PCT\_Sales DESC;**

***Output:***

****

**(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 pizza\_sales**

**WHERE EXTRACT(QUARTER FROM order\_date::date) = 1**

**) AS DECIMAL(10, 2)) AS PCT\_Sales**

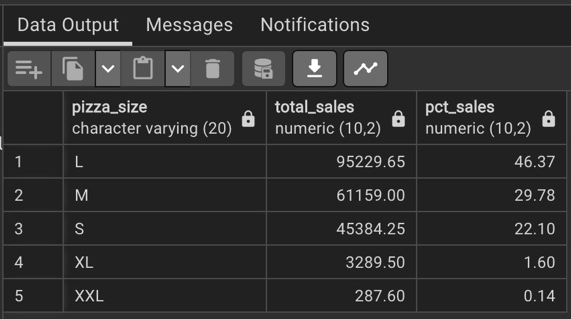
**FROM pizza\_sales**

**WHERE EXTRACT(QUARTER FROM order\_date::date) = 1**

**GROUP BY pizza\_size**

**ORDER BY PCT\_Sales DESC;**

***Output:***

****

1. **Top 5 Best Sellers by Revenue:**

**SELECT pizza\_name,**

**SUM(total\_price) AS Total\_Rev**

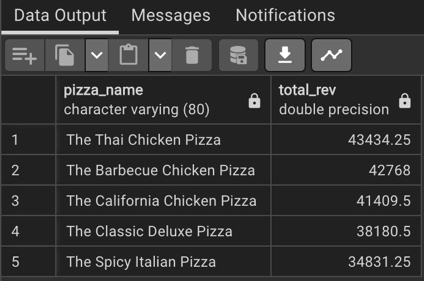
**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Rev DESC**

**LIMIT 5;**

***Output:***

****

1. **Bottom 5 Best Sellers by Revenue:**

**SELECT pizza\_name,**

**SUM(total\_price) AS Total\_Rev**

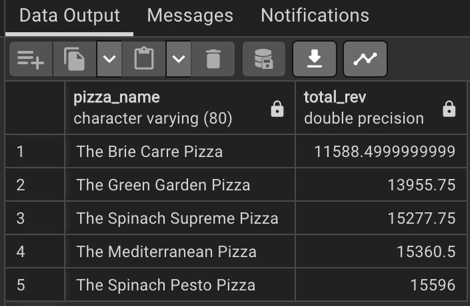
**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Rev ASC**

**LIMIT 5;**

***Output:***

****

1. **Top 5 Best Sellers by Total Quantity:**

**SELECT pizza\_name,**

**SUM(quantity) AS Total\_Qty**

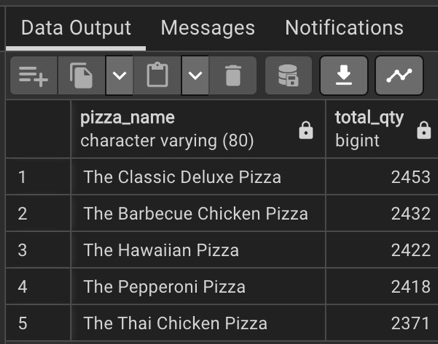
**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Qty DESC**

**LIMIT 5;**

***Output:***

****

1. **Top 5 Best Sellers by Total Quantity:**

**SELECT pizza\_name,**

**SUM(quantity) AS Total\_Qty**

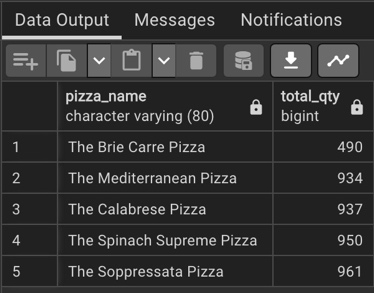
**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Qty ASC**

**LIMIT 5;**

***Output:***

****

1. **Top 5 Best Sellers by Total Quantity:**

**SELECT pizza\_name,**

**COUNT(DISTINCT order\_id) AS Total\_Ord**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Ord DESC**

**LIMIT 5;**

***Output:***

****

1. **Bottom 5 Best Sellers by Total Quantity:**

**SELECT pizza\_name,**

**COUNT(DISTINCT order\_id) AS Total\_Ord**

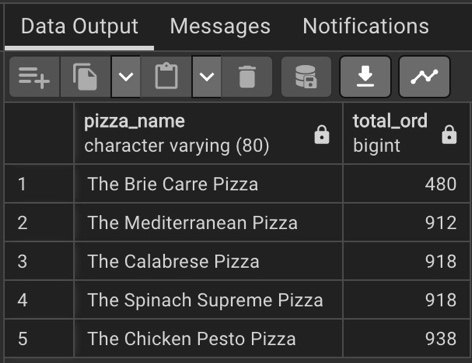
**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY Total\_Ord ASC**

**LIMIT 5;**

***Output:***

****