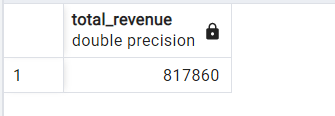
**PIZZA SALES SQL QUERIES**

**KPI’S**

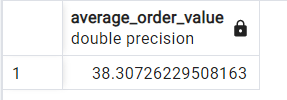
1. **Total Revenue:**

**select round(sum(total\_price)) as Total\_Revenue from orders**

****

1. **Average Order Value:**

**select sum(total\_price)/count(distinct(order\_id)) as Average\_Order\_Value from orders**



1. **Total Pizzas Sold:**

**select sum(quantity) as Total\_Pizzas\_Sold from orders**

****

1. **Total Orders:**

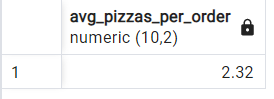
**select count(distinct(order\_id)) as Total\_orders from orders**

****

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 orders**

****

**Charts Requirements**

1. **Daily Trend for Total Orders:**

**SELECT**

**to\_char(order\_date, 'day') AS order\_day,**

**COUNT(DISTINCT (order\_id)) AS total\_orders**

**FROM**

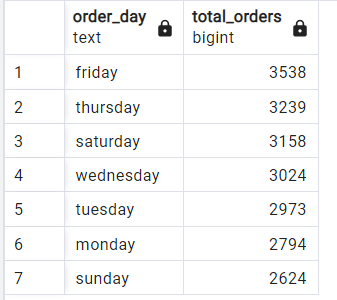
**orders**

**GROUP BY**

**order\_day**

**order by**

**total\_orders desc**

****

1. **Monthly Trend for Total Orders:**

**SELECT**

**to\_char(order\_date, 'month') AS month\_name,**

**COUNT(DISTINCT (order\_id)) AS total\_orders**

**FROM**

**orders**

**GROUP BY**

**month\_name**

**order by**

**total\_orders desc**

****

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

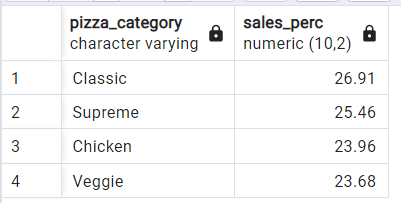
**select Pizza\_category, cast((sum(total\_price) \* 100 /**

**(select sum(total\_price) from orders)) as decimal(10, 2)) as Sales\_Perc**

**from orders**

**group by Pizza\_category**

**order by Sales\_Perc desc**

****

**To add a month filter:**

select Pizza\_category,

cast((sum(total\_price) \* 100 / (select sum(total\_price) from orders

where extract(month from order\_date) = 10))

as decimal(10, 2)) as Sales\_Perc

from orders

where extract(month from order\_date) = 10

group by Pizza\_category

order by Sales\_Perc desc

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

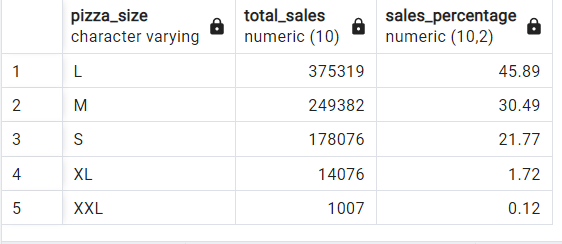
**select pizza\_size, cast(sum(total\_price) as decimal(10, 0)) as Total\_Sales, cast(sum(total\_price)\*100/**

**(select sum(total\_price) from orders) as decimal(10, 2)) as Sales\_Percentage**

**from orders**

**group by pizza\_size**

**order by Sales\_Percentage desc**

****

1. **Top 5 and Bottom 5 sellers by revenue, total quantity and total orders.**

**Top 5 by revenue:**

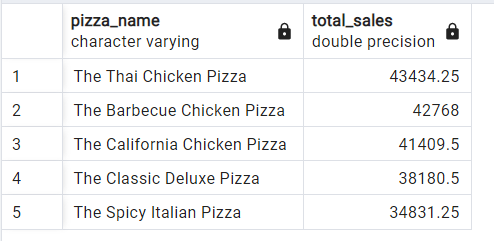
**select pizza\_name, sum(total\_price) as total\_sales**

**from orders**

**group by pizza\_name**

**order by total\_sales desc**

**limit 5**

****

**Bottom 5 by Revenue:**

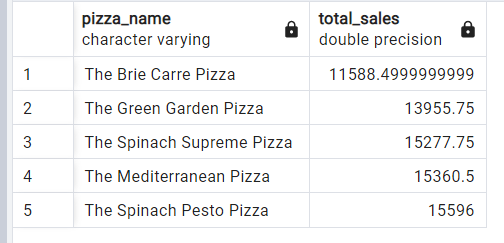
**select pizza\_name, sum(total\_price) as total\_sales**

**from orders**

**group by pizza\_name**

**order by total\_sales**

**limit 5**

****

**Top 5 by Total Quantity:**

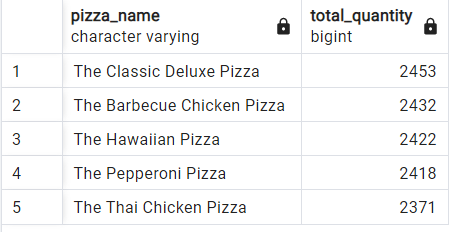
**select pizza\_name, sum(quantity) as total\_quantity**

**from orders**

**group by pizza\_name**

**order by total\_quantity desc**

**limit 5**

****

**Bottm 5 by Total Quantity:**

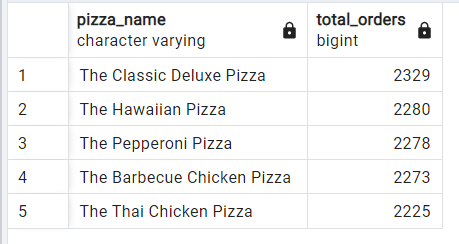
**select pizza\_name, sum(quantity) as total\_quantity**

**from orders**

**group by pizza\_name**

**order by total\_quantity**

**limit 5**

****

**Top 5 by Total Orders:**

**select pizza\_name, count(order\_id) as Total\_orders**

**from orders**

**group by pizza\_name**

**order by Total\_orders desc**

**limit 5**

**Bottom 5 by Total Orders:**

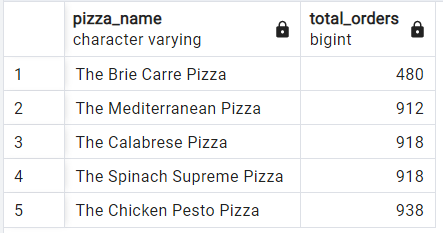
**select pizza\_name, count(order\_id) as Total\_orders**

**from orders**

**group by pizza\_name**

**order by Total\_orders**

**limit 5**

****