# **ANALYTICAL REPORTING OF PIZZA SALES - SQL**

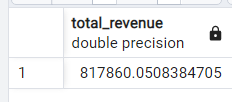
## **KPI’s**

### **Total Revenue**

Query:

select sum(total\_price) as total\_revenue from pizza\_sales

Result:

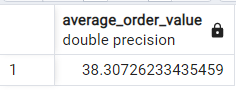


### **Average Order Value**

Query:

select sum(total\_price)/count(distinct order\_id) as average\_order\_value from pizza\_sales

Result:

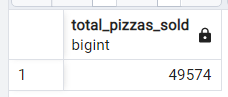


### **Total Pizzas Sold**

Query:

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

Result:

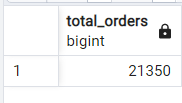


### **Total Orders**

Query:

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

Result:

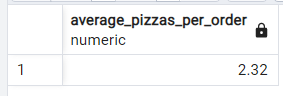


### **Average Pizzas Per Order**

Query:

select round((sum(quantity)\*1.0) /(count(distinct order\_id)\*1.0),2) as average\_pizzas\_per\_order from pizza\_sales

Result:



## **Hourly Trend for Total Pizzas Sold**

Query:

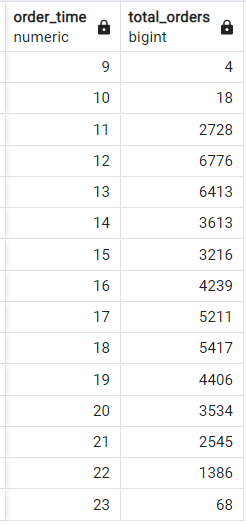
select extract(hour from order\_time) as order\_time ,sum(quantity) as total\_orders

from pizza\_sales

group by 1

order by 1

Result:



## **Weekly Trend for Total Orders**

Query:

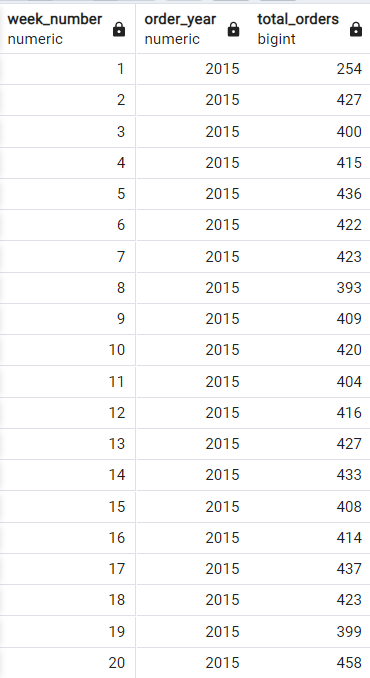
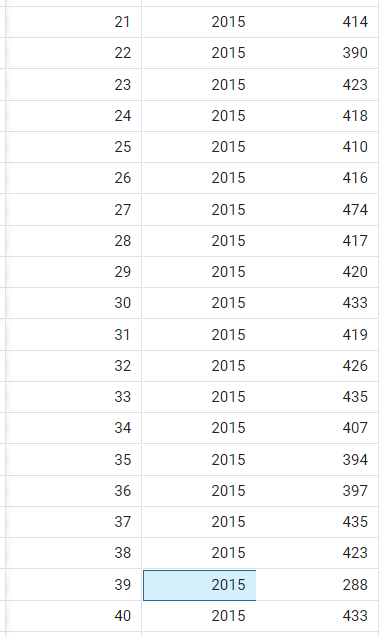
select extract(week from order\_date) as week\_number,extract(year from order\_date) as order\_year, count(distinct order\_id) as total\_orders

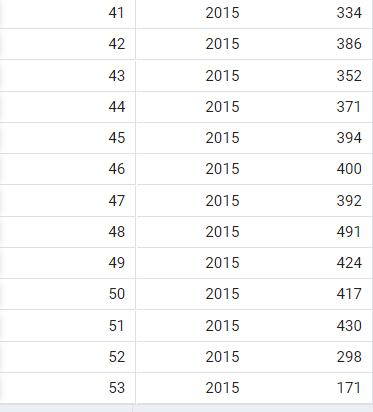
from pizza\_sales

group by 1,2

order by 1

Result:



## **Percentage of Sales by Pizza Category**

Query:

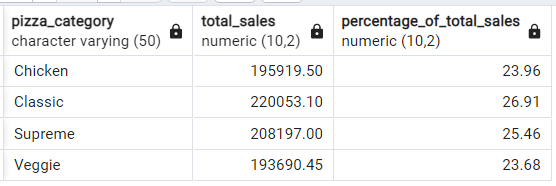
select pizza\_category,cast(sum(total\_price) as decimal(10,2)) as total\_sales, cast((sum(total\_price) \* 100.0/ (select sum(total\_price) from pizza\_sales)) as decimal(10,2)) as percentage\_of\_total\_sales

from pizza\_sales

group by 1

order by 1

Result:



## **Percentage of Sales by Pizza Size**

Query:

select pizza\_size,

cast(sum(total\_price) as decimal(10,2)) as total\_sales,

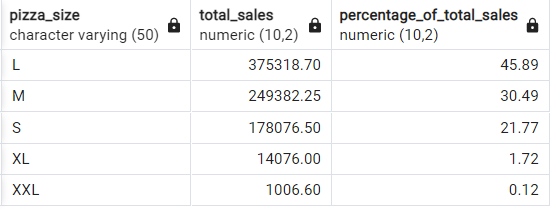
cast((sum(total\_price) \* 100 /(select sum(total\_price) from pizza\_sales)) as decimal(10,2)) as percentage\_of\_total\_sales

from pizza\_sales

group by 1

order by 3 desc

Result:



## **Total Pizzas Sold by Pizza Category**

Query:

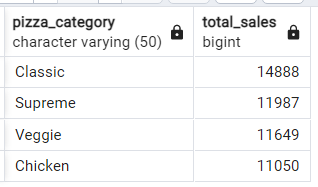
select pizza\_category,sum(quantity) as total\_sales

from pizza\_sales

group by 1

order by 2 desc

Result:



## **Top 5 Best Sellers by Revenue, Total Quantity and Total Orders**

### **By Revenue**

Query:

select pizza\_name,sum(total\_price) as total\_revenue

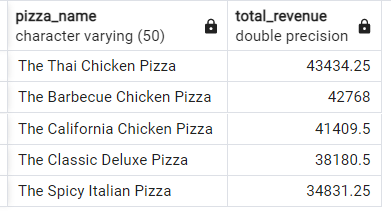
from pizza\_sales

group by 1

order by 2 desc

limit 5

Result:



### **By Total Quantity**

Query:

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

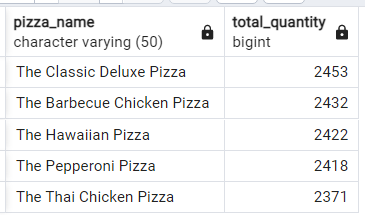
from pizza\_sales

group by 1

order by 2 desc

limit 5

Result:



### **Total Orders**

Query:

select pizza\_name,count(distinct order\_id) as total\_orders

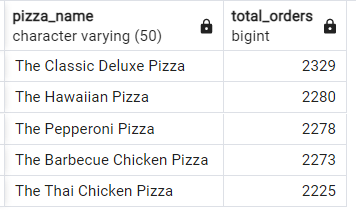
from pizza\_sales

group by 1

order by 2 desc

limit 5

Result:



## **Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders**

### **By Revenue**

Query:

select pizza\_name,sum(total\_price) as total\_revenue

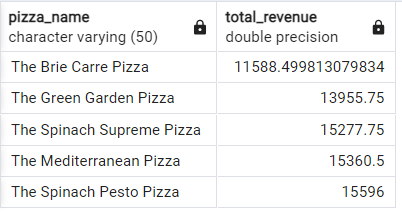
from pizza\_sales

group by 1

order by 2 asc

limit 5

Result:



### **By Total Quantity**

Query:

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

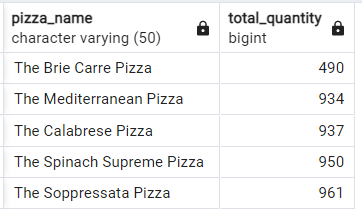
from pizza\_sales

group by 1

order by 2 asc

limit 5

Result:



### **Total Orders**

Query:

select pizza\_name,count(distinct order\_id) as total\_orders

from pizza\_sales

group by 1

order by 2 asc

limit 5

Result:

