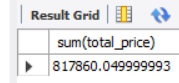
**PIZZA SALES SQL QUERIES**

1. **KPI’s**
2. **Total Revenue**

**The sum of the total price of all pizza orders.**

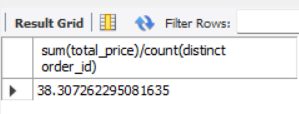
-> select sum(total\_price) from pizza\_sales;



1. **Average Order Value**

**The average amount spent per order ,calculated by dividing the total revenue by the total number of orders.**

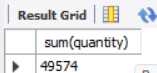
-> select sum(total\_price)/count(distinct order\_id) from pizza\_sales;

**-**

1. **Total Pizzas Sold**

**The sum of the quantities of all pizzas sold.**

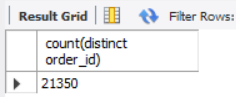
->select sum(quantity) from pizza\_sales;



1. **Total Orders**

**The total amount of orders placed .**

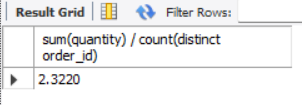
-> select count(distinct order\_id) from pizza\_sales;



1. **Average Pizzas Per Order**

**The average number of pizzas sold per order,calculated by dividing the total number of pizzas sold by the total number of orders.**

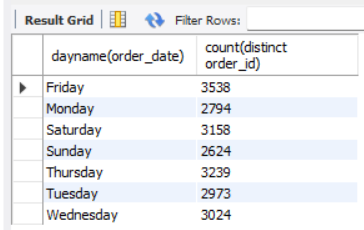
-> select sum(quantity) / count(distinct order\_id) from pizza\_sales;



1. **DAILY TRENDS FOR TOTAL ORDERS**

**A column chart is required to be created so that it displays the daily trends of total orders over a specific time period. This chart help us to identify any patterns or fluctuations in order volumes on a daily basis.**

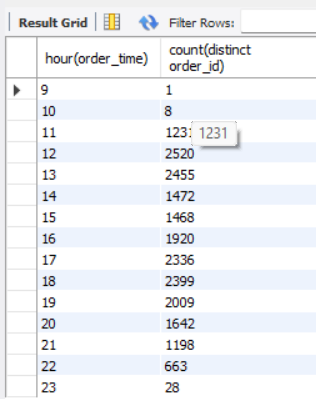
**->** select dayname(order\_date),count(distinct order\_id) from pizza\_sales group by dayname(order\_date);



1. **HOURLY TRENDS FOR TOTAL ORDERS**

**A line chart is required to be created that illustrates the hourly trend of total orders throughout the day .This chart will allow us to identify peak hours or periods of high order activity.**

-> select hour(order\_time),count(distinct order\_id) from pizza\_sales group by hour(order\_time);

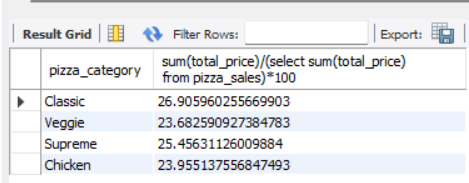


1. **PERCENTAGE OF SALES BY PIZZA CATEGORY**

**A pie chart is required to be created that shows the distribution of sales across different pizza categories . This chart will provide insights into the popularity of various pizza categories and their contribution to overall sales.**

**->** select pizza\_category,sum(total\_price)/(select sum(total\_price) from pizza\_sales)\*100

from pizza\_sales group by pizza\_category;

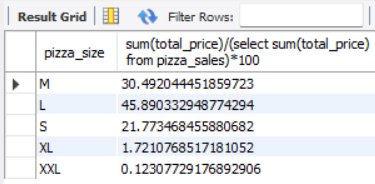


1. **PERCENTAGE OF SALES BY PIZZA SIZE**

**A pie chart is required to be generated that represents the percentage of sales attributed to different pizza sizes. This chart will help us understand customer preferences for pizza sizes and their impact on sales.**

**->** select pizza\_size,sum(total\_price)/(select sum(total\_price) from pizza\_sales)\*100

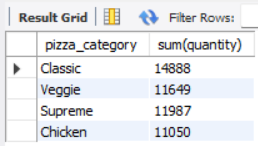
from pizza\_sales group by pizza\_size;

****

1. **TOTAL PIZZAS SOLD BY PIZZA CATEGORY**

**A funnel chart is required to be created that presents the total number of pizzas sold for each pizza category. This chart will allow us to compare the sales performance of different pizza categories.**

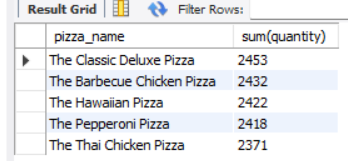
* select pizza\_category, sum(quantity) from pizza\_sales group by pizza\_category;



1. **TOP 5 BEST SELLERS BY TOTAL PIZZAS SOLD**

**A bar chart is required to be created highlighting the top 5 best-selling pizzas based on the total number of pizzas sold. This chart will help us identify the most popular pizza options .**

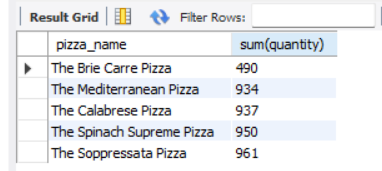
-> select pizza\_name , sum(quantity) from pizza\_sales group by pizza\_name order by sum(quantity) desc limit 5 ;



1. **BOTTOM FIVE WORST SELLERS BY TOTAL PIZZAS SOLD**

**A bar chart is required to be generated showcasing the bottom 5 worst-selling pizzas based on the total number of pizzas sold. This chart will enable us to identify underperforming or less popular pizza options .**

->select pizza\_name , sum(quantity) from pizza\_sales group by pizza\_name order by sum(quantity) limit 5 ;

****