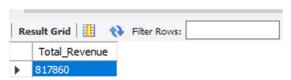
PIZZA SALES SQL QUERIES

Data Validation in MySQL:

A.KPI'S:

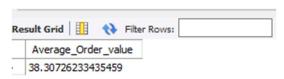
1.TOTAL REVENUE:

select round(sum(total_price),0) as Total_Revenue from Pizza_sales;



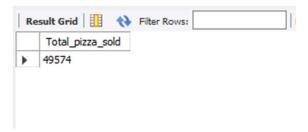
2. Average Order Value:

Select sum(total_price)/ count(distinct(order_id)) Average_Order_value from Pizza_sales;



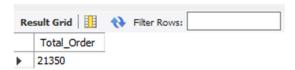
3. Total Pizzas sold:

select sum(quantity) as Total_pizza_sold from Pizza_sales;



4.Total Orders:

select count(distinct(order_id)) as Total_Order from Pizza_sales;



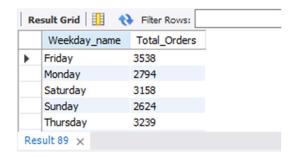
5. Average Pizzas Per Order:

select cast(sum(quantity)/count(distinct(order_id)) as decimal(10,2)) from Pizza_sales;



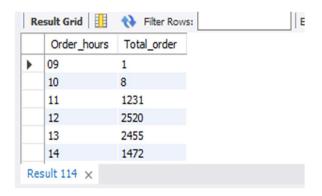
1. Daily Trend for total orders:

```
select date_format(order_date,'%W') as Weekday_name , count(distinct(order_id)) as
Total_Orders from Pizza_sales
group by 1;
```



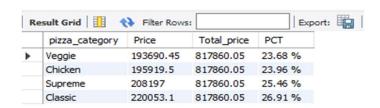
2. Hourly Trend for Total Orders:

```
Select date_format(order_time,'%H') as order_hours, count(distinct(order_id)) as Total_order from Pizza_sales group by 1 order by 1;
```



3. Percentage of Sales by Pizza Category:

```
select pizza_category , round(sum(total_price),2) as Price,
round((select sum(total_price) from Pizza_sales),2) as Total_price,
concat(round(sum(total_price)*100/(select sum(total_price) from Pizza_sales),2)," %") as
PCT
from Pizza_sales
group by 1
order by 4;
```



4. Percentage of sales by Pizza Size:

```
select pizza_size as Pizza_Size, round(sum(total_price),2)as Price,
round((select sum(total_price) from Pizza_sales),2) as Total_Price ,
concat(round(sum(total_price) *100 / (select sum(total_price) from Pizza_sales),2)," %") as
PCT
```

from Pizza_sales group by 1 order by 4 Desc;



** can use filter suppose if we want that we want 1st Month wise PCT and where clause also should come in subquery

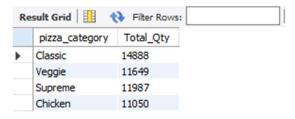
**

select pizza_size as Pizza_Size, round(sum(total_price),2) as Price, round((select sum(total_price) from Pizza_sales),2) as Total_Price, concat(round(sum(total_price) *100 / (select sum(total_price) from Pizza_sales where month(order_date) = 1),2)," %") as PCT from Pizza_sales where month(order_date) = 1 group by 1 order by 4 Desc;



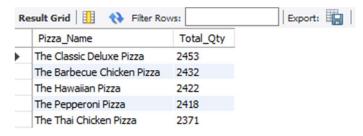
5. Total Pizzas Sold by Pizza Category:

select pizza_category , sum(quantity) as Total_Qty
from Pizza_sales
group by 1;



6.Top 5 Best Sellers by Total Pizzas Sold: and also we can get it month wise total Qty also like in jan..top 5 with where

select pizza_name as Pizza_Name, sum(quantity) as Total_Qty from Pizza_sales group by 1 order by 2 desc limit 5;



7. Bottom 5 Worst Sellers by Total Pizzas Sold: and also we can get it month wise total Qty also like in jan..Bottom 5 with where clause...

select pizza_name as Pizza_Name, sum(quantity) as Total_Qty
from Pizza_sales
group by 1
order by 2 asc
limit 5;

