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;

Total_Revenue
817860

2. Average Order Value:

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

Average_Order_value
38.30726233435459

3. Total Pizzas sold:

select sum(quantity) as Total_pizza_sold from Pizza_sales;

Total_pizza_sold
49574

4.Total Orders:

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

Total_Order
21350

5. Average Pizzas Per Order:

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

avg_pizza_per_order
2.32

1. Daily Trend for total orders:

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

Weekday_name	Total_Orders
▶ Friday	3538
Monday	2794
Saturday	3158
Sunday	2624
Thursday	3239

Result 89 ×

2. Hourly Trend for Total Orders:

```sql
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;
```

Order_hours	Total_order
▶ 09	1
10	8
11	1231
12	2520
13	2455
14	1472

Result 114 ×

3. Percentage of Sales by Pizza Category:

```sql
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;
```

| pizza_category	Price	Total_price	PCT
▶ Veggie	193690.45	817860.05	23.68 %
Chicken	195919.5	817860.05	23.96 %
Supreme	208197	817860.05	25.46 %
Classic	220053.1	817860.05	26.91 %

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;

Pizza_Size	Price	Total_Price	PCT
L	375318.7	817860.05	45.89 %
M	249382.25	817860.05	30.49 %
S	178076.5	817860.05	21.77 %
XL	14076	817860.05	1.72 %
XXL	1006.6	817860.05	0.12 %

**** 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;

Pizza_Size	Price	Total_Price	PCT
L	32399.4	817860.05	46.42 %
M	20943.5	817860.05	30.01 %
S	15103.5	817860.05	21.64 %
XL	1275	817860.05	1.83 %
XXL	71.9	817860.05	0.1 %

5. Total Pizzas Sold by Pizza Category:

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

pizza_category	Total_Qty
Classic	14888
Veggie	11649
Supreme	11987
Chicken	11050

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 clause…

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

Pizza_Name	Total_Qty
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

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;
```

Pizza_Name	Total_Qty
The Brie Carre Pizza	490
The Mediterranean Pizza	934
The Calabrese Pizza	937
The Spinach Supreme Pizza	950
The Soppressata Pizza	961