Pizza Sales SQL Queries

A. KPI's(Key Performance indicators):

1.Total Revenue:

select sum(total_price) as Total_Revenue from pizza_sales;

Total_Revenue
817860.049999993

2.Average Order Value:

select sum(total_price) / count(distinct(order_id)) as Avg_Order_Value from pizza_sales;

Avg_Order_Value
38.307262295081635

3.Total Pizzas sold:

select sum(quantity) as Total_Pizza_Sold from pizza_sales;

Total_Pizza_Sold
49574

4.Total Orders Placed:

select count(distinct(order_id)) as Total_Orders from pizza_sales;

Total_Orders
21350

5. Average Pizzas per order:

select ROUND(sum(quantity)*1.0 / count(distinct order_id),2) as Avg_Pizzas_per_order from pizza_sales;

Avg_Pizzas_per_order
2.32

B. Charts Requirements:

1.Daily Trend of orders:

```
SELECT
    DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y')) AS order_day,
    COUNT(DISTINCT order_id) AS total_orders
FROM
    pizza_sales
WHERE
    order_date IS NOT NULL
GROUP BY
    DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y')),
    DAYOFWEEK(STR_TO_DATE(order_date, '%d-%m-%Y'))
ORDER BY
    DAYOFWEEK(STR_TO_DATE(order_date, '%d-%m-%Y'));
```

order_day	total_orders
Sunday	2624
Monday	2794
Tuesday	2973
Wednesday	3024
Thursday	3239
Friday	3538
Saturday	3158

2.Total Order Monthly:

```
select
    DATE_FORMAT(STR_TO_DATE(order_date,'%d-%m-%Y'),'%m-%Y') AS
order_month,
    COUNT(DISTINCT order_id) AS total_orders
FROM
    pizza_sales
WHERE
```

```
    order_date IS NOT NULL
GROUP BY
    DATE_FORMAT(str_to_date(order_date,'%d-%m-%Y'),'%m-%Y')
ORDER BY
    order_month;
```

order_month	total_orders
01-2015	1845
02-2015	1685
03-2015	1840
04-2015	1799
05-2015	1853
06-2015	1773
07-2015	1935
08-2015	1841
09-2015	1661
10-2015	1646
11-2015	1792
12-2015	1680

3.% of sales by Pizza Category

```
SELECT
    pizza_category,
    SUM(quantity) AS total_quantity,
    ROUND(SUM(quantity) * 100.0 / (SELECT SUM(quantity) FROM
pizza_sales), 2) AS percentage_share
FROM
    pizza_sales
GROUP BY
    pizza_category
ORDER BY
    percentage_share DESC;
```

pizza_category	total_quantity	percentage_share
Classic	14888	30.03
Supreme	11987	24.18
Veggie	11649	23.50
Chicken	11050	22.29

23.50

4.% of sales by pizza size:

```
SELECT
    pizza_size,
    SUM(quantity) AS total_quantity,
    ROUND(SUM(quantity) * 100.0 / (SELECT SUM(quantity) FROM pizza_sales), 2) AS percentage_share
FROM
    pizza_sales
GROUP BY
    pizza_size
ORDER BY
    percentage_share DESC;
```

pizza_size	total_quantity	percentage_share
L	18956	38.24
M	15635	31.54
S	14403	29.05
XL	552	1.11
XXL	28	0.06

5.Top 5 pizza category by Revenue:

```
SELECT pizza_name,sum(total_price ) as Total_Revenue from pizza_sales
group by pizza_name
order by Total_Revenue DESC limit 5;
```

pizza_name	Total_Revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5
The Classic Deluxe Pizza	38180.5
The Spicy Italian Pizza	34831.25