SQL Report

A. KPI's REQUIREMENT

1. Total Revenue: The sum of the total price of all pizza orders.

```
5 •  select sum(total_price) as Total_Revenue from sales;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_Revenue
817860.049999993

2. Average Order Value: The average amount spent per order, calculated by dividing the total revenue by the total number of orders.

```
7 •  select sum(total_price)/count(distinct order_id) as Avg_amount_per_order from sales;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Avg_amount_per_order
38.307262295081635

3. Total Pizzas Sold: The sum of the quantities of all pizzas sold.

```
10 •  select sum(quantity) as Total_pizza_sold from sales;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_pizza_sold
49574

4. Total Orders: The total number of orders placed.

```
13 •  select count(distinct order_id) as Total_orders from sales;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_orders
21350

5. 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.

```
17 •  select round(count(pizza_name_id)/count(distinct order_id),2) as Avg_pizza_per_order from sales;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Avg_pizza_per_order
2.28

B. CHARTS REQUIREMENT

1. Daily Trend for Total Orders

```
22 •  select dayname(str_to_date(order_date,"%d-%m-%Y")) as day, count(distinct order_id) as Number_of_orders
23    from sales
24    group by dayname(str_to_date(order_date,"%d-%m-%Y"));
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

day	Number_of_orders
Friday	3538
Monday	2794
Saturday	3158
Sunday	2624
Thursday	3239
Tuesday	2973
Wednesday	3024

2. Monthly Trend for Total Orders

```
27 •  select monthname(str_to_date(order_date,"%d-%m-%Y")) as day, count(distinct order_id) as Number_of_orders
28    from sales
29    group by monthname(str_to_date(order_date,"%d-%m-%Y"));
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

day	Number_of_orders
April	1799
August	1841
December	1680
February	1685
January	1845
July	1935
June	1773
March	1840
May	1853
November	1792
October	1646
September	1661

3. Percentage of Sales by Pizza Category

```
14 •  select pizza_category, round((sum(total_price)/(select sum(total_price) from sales))*100,2) as percentage
15    from sales
16    group by pizza_category;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

pizza_category	percentage
Classic	26.91
Veggie	23.68
Supreme	25.46
Chicken	23.96

4. Percentage of Sales by Pizza Size

```
19 •  select pizza_size, round((sum(total_price)/(select sum(total_price) from sales))*100,2) as percentage
20    from sales
21    group by pizza_size;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

pizza_size	percentage
M	30.49
L	45.89
S	21.77
XL	1.72
XXL	0.12

5. Total Pizzas Sold by Pizza Category

```
24 •  select pizza_category, sum(quantity) as Total_sold
25    from sales
26    group by pizza_category
27    order by Total_sold desc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Cont

pizza_category	Total_sold
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

6. Top 5 Best Sellers by Revenue

```
30 •  select pizza_name, sum(total_price) as revenue
31    from sales
32    group by pizza_name
33    order by revenue desc
34    limit 5;
```

Result Grid | Filter Rows: | Export: | Wrap Cell

pizza_name	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

7. Bottom 5 Best Sellers by Revenue

```
37 •  select pizza_name, sum(total_price) as revenue
38    from sales
39    group by pizza_name
40    order by revenue
41    limit 5;
```

Result Grid | Filter Rows: | Export: | Wrap C

pizza_name	revenue
The Brie Carre Pizza	11588.4999999999
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.5
The Spinach Pesto Pizza	15596