PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

```sql
SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;
```

2. Average Order Value

```sql
SELECT (SUM(total_price) / COUNT(DISTINCT order_id)) AS Avg_order_Value
FROM pizza_sales;
```

3. Total Pizzas Sold

```sql
SELECT SUM(quantity) AS Total_pizza_sold FROM pizza_sales;
```

4. Total Orders

```sql
SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales;
```

5. Average Pizzas Per Order

```sql
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /
CAST(COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))
AS Avg_Pizzas_per_order
FROM pizza_sales;
```

B. Daily Trend for Total Orders

```sql
SELECT DAYNAME(order_date) AS order_day, COUNT(DISTINCT order_id) AS
total_orders
FROM pizza_sales
GROUP BY DAYNAME(order_date);
```

C. Monthly Trend for Orders

```sql
SELECT MONTHNAME(order_date) as Month_Name, COUNT(DISTINCT order_id) as
Total_Orders
from pizza_sales
GROUP BY MAONTHNAME(order_date);
```

D. % of Sales by Pizza Category

```sql
SELECT pizza_category, CAST(SUM(total_price) AS DECIMAL(10,2)) as
total_revenue,
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) from pizza_sales)
AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
GROUP BY pizza_category;
```

E. % of Sales by Pizza Size

```sql
SELECT pizza_size, CAST(SUM(total_price) AS DECIMAL(10,2)) as
total_revenue,
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) from pizza_sales)
AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
GROUP BY pizza_size
ORDER BY pizza_size;
```

F. Total Pizzas Sold by Pizza Category

```sql
SELECT pizza_category, SUM(quantity) as Total_Quantity_Sold
FROM pizza_sales
WHERE MONTH(order_date) = 2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC;
```

G. Top 5 Pizzas by Revenue

```sql
SELECT pizza_name, SUM(total_price) AS Total_Revenue
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue DESC

LIMIT 5;
```

H. Bottom 5 Pizzas by Revenue

```sql
SELECT pizza_name, SUM(total_price) AS Total_Revenue
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue ASC
```

```
LIMIT 5;
```

I. Top 5 Pizzas by Quantity

```sql
SELECT pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold DESC

LIMIT 5;
```

J. Bottom 5 Pizzas by Quantity

```sql
SELECT pizza_name, SUM(quantity) AS Total_Pizza_Sold

FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold ASC

LIMIT 5;
```

K. Top 5 Pizzas by Total Orders

```sql
SELECT pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Orders DESC
LIMIT 5;
```

L. Bottom 5 Pizzas by Total Orders

```sql
SELECT Top 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Orders ASC
LIMIT 5;
```