**Problem Statement**

**KPI Requirement:**

We need to analyse key indicators for our pizza sales data to gain insights into our business performance. Specifically, we want to calculate the following matrix:

1. **Total Revenue:** The sum of the total price of all pizza orders.
2. **Average Order Value:** The average amount spent per order, calculated by dividing the total revenue by the total number of orders.
3. **Total Pizza Sold:** The sum of the quantities of all pizza sold.
4. **Total Orders;** The total number of order placed.
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.

**CHART Reqirement:**

We would like to visualize various aspects of our pizza sales data to gain insights and understand key trends. We have identified the following requirements for creating charts:

1. **Daily Trend for Total Orders:**

Create a **Bar chart** that illustrates the hourly trend of total orders throughout the day. This chart will allow us to identify peak hours or periods of high order activity.

1. **Monthly Trend for Total Orders:**

Create a **Line Chart** that displays the daily trend of total orders over a specific time period. This chart will help us identify any patterns or fluctuations in order volumes on a daily basis.

1. **Percentage of Sales by Pizza Category:**

Create a **Pie Chart** that shows the distribution of Sales across different pizza categories. This chart will provide insights into the popularity of various pizza categories and their contribution to revenue.

1. **Percentage of Sales by Pizza Size:**

Generate a pie chart that represents the percentage of sales contributed to different pizza sizes. This chart will help us understand customer preferences for pizza sizes and their impact on sales.

1. **Total Pizzas sold by Pizza Category:**

Create a **Funnel Chart** that presents the total number of pizzas sold for each pizza category. This chart will allow us to compare the sales performance of different pizza categories.

1. **Top 5 Best Seller by Revenue, Total Quantity and Total Orders:**

Create a bar chart highlighting the top 5 best-selling pizzas based on the Revenue, Total Quantity, Total Orders. This chart will help us identity the most popular pizza options.

1. **Bottom 5 Best Seller by Revenue, Total Quantity and Total Orders:**

Create a bar chart showcasing the bottom 5 worst-selling pizzas based on the Revenue, Total Quantity and Total Orders. This chart will enable us to identify under performing or less popular pizza options.