**PROBLEM STATEMENT**

**KPI's 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 metrics:

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 Pizzas Sold**: The sum of the quantities of all pizzas sold.
4. **Total Orders**: The total number of orders 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.

**CHARTS REQUIREMENT**

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 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.
2. **Monthly Trend for Total Orders**:
   * Create a line 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.
3. **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 overall sales.
4. **Percentage of Sales by Pizza Size**:
   * Generate a pie chart that represents the percentage of sales attributed to different pizza sizes.
   * This chart will help us understand customer preferences for pizza sizes and their impact on sales.
5. **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.
6. **Top 5 Best Sellers by Revenue, Total Quantity, and Total Orders**:
   * Create a bar chart highlighting the top 5 best-selling pizzas based on the Revenue, Total Quantity, and Total Orders.
   * This chart will help us identify the most popular pizza options.
7. **Bottom 5 Best Sellers 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 underperforming or less popular pizza options.