**Pizza Sales Analysis**

**Problem Statement**

KPI’s Requirement – We need to analyse key indicators for our pizza sales data to gain insight into our business performance. Specifically, we want to calculate the following metrics:

* **Total Revenue** - The sum of the total price of the pizza orders.
* **Average order value –** The average amount spent per order, calculated by dividing the total revenue by the total number of orders.
* **Total Pizza sold** – The sum of quantities of pizza sold.
* **Total Orders** – the total number of orders placed.
* **Average pizza 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 Requirements**

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 specified period. This chart will help us identify any patterns or fluctuations in order volume daily.
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.
3. **Percentage of sales by category**: Create a pie chart that shows the distribution of sales across different categories. This chart will provide insights into the popularity of various pizza categories.
4. **Percentage of sales by pizza size**: Generate a pie chart that represents the percentage of sales attributed.
5. **Total Pizza sold by category**: Create a funnel chart that represents the number of pizzas sold in each category.
6. **Top 5 best sellers by revenue, quantity, and total orders**: Create a bar chart highlighting the top 5 best-selling pizzas.
7. **Bottom 5 selling pizzas by revenue, quantity, and total orders**: Create a bar chart highlighting the bottom 5 selling pizzas.