**Problem Statement**

KPI’s requirement

We need to analyze key indicators for pizza sales data to gain insights into our business performance. Especially we want to calculate following metrics-

1. **Total revenue**-The sum of the total prize of pizza orders.
2. **Average orders value**- The average amount spent per order calculating by dividing the total revenue by the total number of orders.
3. **Total pizza sold**- The sum of all quantities of all pizza 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 total number of pizzas sold by the total number of orders placed.

**Charts requirement**

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

1. **Daily trends 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 indentify any patterns or fluctuations in order volumes on a daily basis.
2. **Monthly trends for total orders**- Create a line chart that will illustrate the hourly trends of total orders throughout the day. This chart will allow us to identify peak hours or period of high order activity.
3. **Percentage of sales by pizza category**- Create a pie chart that shows the distribution of sales across the different pizza categories.
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 and this chart will allow us to compare the sales performance of different pizza categories.
6. **Top 5 best by revenue, total quantity and total orders**- creating a bar chart highlighting the top 5 best by revenue, total quantity and total orders.
7. **Worst 5 pizzas by revenue, total quantity and total orders**- Creating a bar chart showcasing the bottom 5 based on revenue, total quantity and total orders.