KPI’S REQUIREMENT:

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

* **Total Revenue**: The sum of the total prizes of all pizza orders.
* **Average order value:** The average amount spent per order, calculated by dividing the total revenue by the total no. of orders.
* **Total pizzas sold:** The sum of the quantities of all pizza sold.
* **Total orders:** The total no. of orders placed.
* **Average pizzas per order:** The average no of pizzas sold per order, calculated by dividing the total no. of pizzas sold by the total no. of orders.

**CHARTS REQUIREMENT:**

We would like to visualize various aspects of our pizza sales data to gain insights and understands key trends. We have identified 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 identify any pattern or fluctuations in order volumes on a daily basis.

1. **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 period of high order activity.

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 overall sales.

1. **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.

1. **Total pizzas sold by pizza category:**

Create a funnel chart that represents the total number of pizza sold for each pizza category. This chart will allow us to compare the sales performance of different pizza categories.

1. **Top 5 best sellers by revenue, total quantity and total orders:**

Create a bar chart highlighting the top 5 best selling pizza based on the revenue, total quantity, total orders. This chart will help us identify the most popular pizza options.

1. **Bottom 5 best sellers by revenue, total quantity and total orders:**

Create a bar chart showcasing the bottom 5 worst selling-pizza based on the revenue. Total quantity ,total orders. This chart will enable us to identify underperforming or less popular pizza option.