PIZZA REPORT

PROBLEM STATEMENT

KPI’S REQUIREMENTS

We need to analyze the key indicators of 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 all pizza orders.

**Average Order Value:** The average amount spent per order, calculated by dividing total revenue by total number of orders.

**Total Pizza sold:** Sum of the quantities of all pizza sold

**Total Orders:** The total number of orders placed

**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 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.

**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.

**Hourly 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 hours of high activity.

**Percentage of Sales by Pizza Category:** Create a donut chart that shows 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.

**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.

**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 sales performance of different pizza categories.

**Top 5 Best Sellers by Revenue, Total Quantity, and Total Orders:** Create a bar chart highlighting the top 5 best selling pizzas based on revenue, total quantity and total orders. This chart will help us identify the most popular pizza options.

**Bottom 5 Sellers by Revenue, Total Quantity and Total Orders:** Create a bar chart showcasing the bottom 5 worst selling pizzas based on revenue, total quantity and total orders. This chart will enables us to identify underperforming or less popular pizza options.