

ISSUE DESCRIPTION

A. Requirement For Key Performance Indicators

The objective is to analyze essential markers related to our pizza sales data to comprehend a business's effectiveness. Our focus is on evaluating these measurements:

1. Overall Earnings:

Aggregating the complete cost of all pizza orders.

2. Mean Order Value:

Determining the average expenditure per order, obtained by dividing the total earnings by the overall order count.

3. Cumulative Pizza Units Sold:

Summing up the quantities of all pizzas that have been sold.

4. Total Number of Orders:

Counting the complete quantity of placed orders.

5. Average Pizzas Per Order:

Evaluating the average pizza quantity sold per order, calculated by dividing the cumulative pizza units sold by the total number of orders.

B. CHARTS REQUIREMENT

To gain insights and comprehend key trends from our pizza sales data, we aim to visualize multiple aspects. We've outlined the following criteria for chart creation:

1. Hourly pattern of overall order count:

Construct a line chart representing the hourly changes in total orders throughout the day. This visualization will help us identify peak hours or periods characterized by high order activity.

2. Daily pattern of overall order count:

Develop a bar chart showcasing the day-to-day pattern of total orders within a specific timeframe. This chart will assist in recognizing any daily fluctuations or patterns in order quantities.

3. Percentage of Sales by Pizza Type:

Generate a pie chart illustrating the proportion of sales attributed to different pizza categories. This depiction will offer insights into the popularity of distinct pizza types and their respective contributions to the overall sales composition.

4. Percentage of Sales by Crust Size:

Generate a pie chart that visualizes the breakdown of sales across different pizza crust sizes. This chart will provide insights into customer preferences for crust sizes and their impact on overall sales.

5. Top 5 Best Selling Pizzas by Total Quantity Sold:

Construct a bar chart that highlights the top 5 most successful pizzas in terms of total pizzas sold. This chart will facilitate the identification of the most favored pizza choices.

6. Bottom 5 Worst Selling Pizzas by Total Quantity Sold:

Develop a bar chart illustrating the bottom 5 pizzas with the least sales, based on the total number of pizzas sold. This visualization will aid in recognizing pizzas that are not performing well or are less popular.