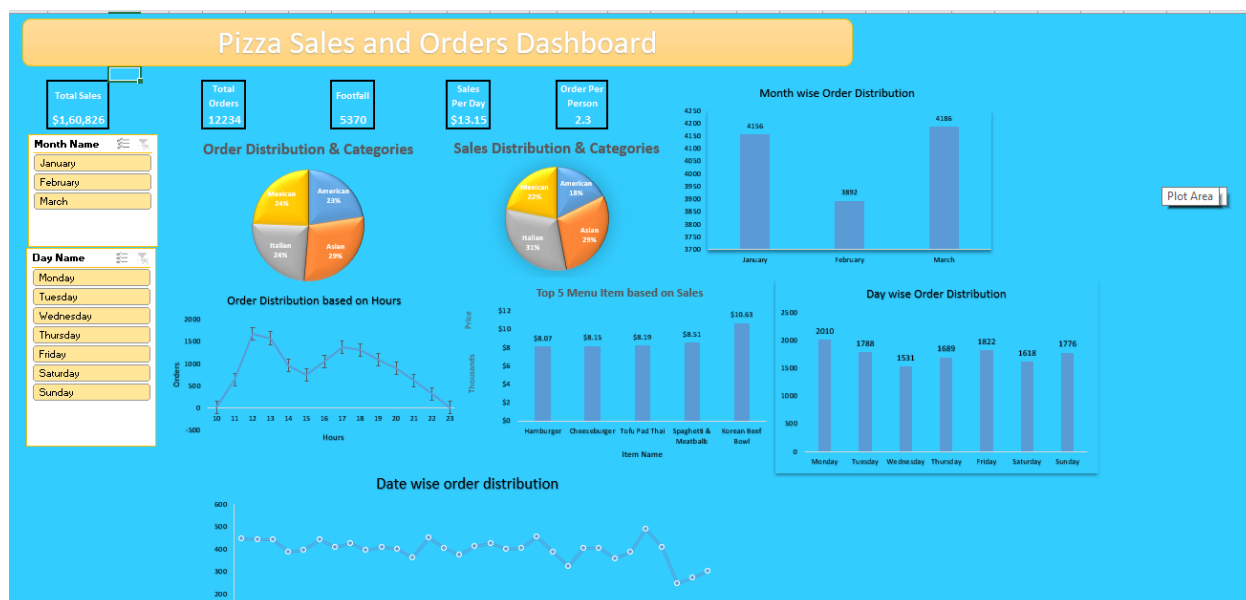


Excel Project Summary: Pizza Restaurant Sales Analysis



This Excel project focuses on analyzing and visualizing sales data from a pizza restaurant using two key files: menu_items and order_details. The aim is to generate insightful reports and visual representations showcasing various aspects of sales distribution, order patterns, and menu item performance.

Data Files:

menu_items: Contains details about the menu items, including menu_item_id, item_name, category, and price.

order_details: Captures order-specific information such as order_details_id, order_id, order_date, order_time, and item_id.

Key Analysis Points:

Order Distribution & Categories:

Displaying the distribution of orders across different categories of menu items. Visualizing the frequency or percentage of orders in each category to understand customer preferences.

Sales Distribution & Categories:

Analyzing sales distribution across various menu item categories. Generating graphical representations to illustrate the revenue contribution from each category.

Order Distribution Based on Hours:

Analyzing the distribution of orders throughout the day to identify peak order times. Visual representations highlighting order frequencies during different hours of the day.

Top 5 Menu Items Based on Sales:

Identifying and showcasing the top 5 best-selling menu items based on sales revenue.
Presenting this information in a clear, easy-to-understand format for quick insights.

Month & Day-wise Order Distribution:

Analyzing order trends based on months and days of the week.

Visualizing the volume of orders on a monthly and day-wise basis to detect patterns.
Dashboard Features:

Slicers for Filter Functionality:

Implementing slicers to enable users to filter data by month and day, allowing for interactive exploration of specific timeframes.

Visual Representations:

Utilizing charts, graphs, and pivot tables to create visually appealing representations of sales and order data.

Offering easy-to-understand visuals to facilitate decision-making and pattern recognition.

Project Objectives:

Insight Generation: Providing actionable insights into sales trends, popular menu items, and peak order times to aid business strategies.

User-Friendly Dashboard: Creating an intuitive dashboard with interactive features like slicers for easy data exploration.

Data-Driven Decision Making: Empowering stakeholders to make informed decisions by presenting comprehensive sales analysis in a visually compelling format.

This Excel project on pizza restaurant sales aims to deliver a comprehensive and user-friendly analysis of sales data, allowing stakeholders to gain valuable insights into customer preferences, order trends, and menu item performance, ultimately contributing to informed decision-making for the business.