

This Jupyter Notebook, "Pizza Sales.ipynb," performs an exploratory data analysis of pizza sales.

Here's a summary of the analysis:

- **Data Loading and Initial Inspection:** The notebook begins by importing necessary libraries (pandas, seaborn, matplotlib) and loading a dataset from an Excel file named 'Pizza Sales.xlsx' into a pandas DataFrame.
- **Data Cleaning and Preparation:**
 - Several columns were dropped, including 'Order ID', 'Toppings Count', 'Topping Density', 'Estimated Duration (min)', 'Pizza Complexity', and 'Order Month'.
 - No missing values were found in the remaining columns.
 - Data inconsistencies were addressed by standardizing restaurant names (e.g., "Marco's Pizza" to "Marco's Pizza") and pizza sizes (e.g., "XL" to "Extra-Large").
 - Data types for 'Delivery Efficiency (min/km)' and 'Delay (min)' were converted to integers.
- **Key Sales Metrics and Distributions:**
 - **Restaurant Sales:** Domino's has the highest number of orders (212), followed by Papa John's (204), Little Caesars (199), Marco's Pizza (195), and Pizza Hut (194).
 - **Pizza Size Popularity:** Medium pizzas are the most popular with 429 orders, followed by Large (240), Extra-Large (203), and Small (132).
 - **Pizza Type Popularity:** Non-Veg pizzas are the most ordered (216), followed by Veg (202), and Cheese Burst (188).