Project Name- Pizza Sales Data Analysis

1. Description

This project is a data analysis of pizza sales using Power BI and MySQL. It aims to provide insights into pizza sales data to help make informed business decisions.

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Introduction

This project is data analysis project, I wanted to show my skills in data analysis and data preparation using Power BI and MySQL

Now on project, Welcome to the Pizza Sales Data Analysis project, where we explore and visualize pizza sales data using a combination of MySQL for data preprocessing and Python, along with Power BI for data visualization. This project aims to provide valuable insights into pizza sales, shedding light on the most popular pizza categories, sizes, and revenue trends.

Project Overview

Pizza sales data can be a goldmine of information for pizzerias, allowing them to optimize their offerings and increase revenue. In this project, we have meticulously curated, processed, and analyzed pizza sales data to answer important questions such as:

1. Which pizza categories are the most sold?

By categorizing pizzas into types like Margherita, Pepperoni, Vegetarian, and more, we can identify customer preferences.

2. What pizza sizes are in demand?

We examine data to uncover trends in small, medium, large, and extra-large pizza sales.

3. How does revenue vary over time?

Tracking revenue patterns helps understand the financial health of the business.

Objectives

The primary objectives of this project are as follows:

* To provide an in-depth analysis of pizza sales data.
* To offer insights into customer preferences by category and size.
* To track and visualize revenue trends to make informed business decisions.
* To track revenue and price according to month and weekdays.

Tools Used

**MySQL:** Used MySQL for data preprocessing, cleansing, and structuring. This relational database management system ensured data was organized and ready for analysis.

**Python:** Python scripts were utilized to automate data preprocessing tasks, such as cleaning and preprocessing, before feeding the data into Power BI.

**Power BI**: Power BI served as primary visualization tool. It enabled me to create interactive dashboards, key performance indicators (KPIs), and sales insights to make the data more accessible and actionable.

Data Source

"This data was downloaded from Kaggle.com and is from 2022."