**Power BI Project: Pizza Sales Analysis**

The project focuses on analyzing pizza store sales data from 2015 to identify key performance indicators (KPIs) and uncover valuable business insights.

**Process Overview:**

1. **Data Collection and Storage**:
   * Sales data for 2015 was loaded into a MySQL database for initial processing.
2. **Data Analysis Using SQL**:
   * Queried the database to retrieve critical insights, including:
     + Total revenue from pizza sales.
     + Total number of orders.
     + Average order value.
     + Count of pizza stores.
     + Daily and monthly trends for orders.
     + Best and worst-selling pizzas by revenue.
     + Total pizzas sold categorized by type and quantity.
   * Performed complex queries to ensure accurate and actionable insights.
3. **Visualization in Power BI**:
   * Loaded the processed data into Power BI to create an **interactive dashboard** featuring:
     + Line charts to display monthly sales trends.
     + KPI cards for quick insights into total revenue, orders, and average order value.
     + A navigation bar for easy exploration.
     + A separate dashboard showcasing best and worst-selling pizzas.
     + Additional visualizations, such as category-based charts for quantity and revenue.
     + Pizzas-themed imagery to enhance visual appeal.

**Key Deliverables:**

* **Insights**:
  + Identified sales trends (daily and monthly).
  + Determined best and worst-performing products.
  + Provided a comprehensive view of revenue distribution by pizza category and quantity.
* **Interactive Dashboards**:
  + User-friendly and visually appealing dashboards that aid decision-making.

**Outcome:**

The project offers a detailed and interactive view of pizza sales performance, enabling stakeholders to identify growth opportunities and make data-driven decisions.

**SUMMARY: -**

**Pizza Sales Analysis Dashboard**

Analyzed 2015 pizza sales data to uncover key insights using SQL and Power BI.

* **SQL Analysis**: Extracted KPIs (total revenue, orders, average order value, store count) and identified trends (daily/monthly sales, best/worst sellers, category-wise performance).
* **Power BI Dashboard**: Created interactive dashboards with line charts, KPIs, and visuals for trends, top/worst sellers, and category-based performance. Enhanced usability with navigation and themed imagery.

This project demonstrates data-driven insights and visualization skills for effective decision-making.

The Pizza Sales Analysis Dashboard project used SQL and Power BI to analyze 2015 pizza sales data and provide insights for business decisions.

**SQL Analysis:** Extracted KPIs like revenue, orders, and average order value. Analyzed sales trends and product performance.

**Power BI Dashboard:** Created an interactive dashboard with KPIs, line charts, and visuals to display trends and top sellers, with enhanced navigation.

This project showcases SQL and Power BI skills for data analysis and creating interactive dashboards for decision-making.