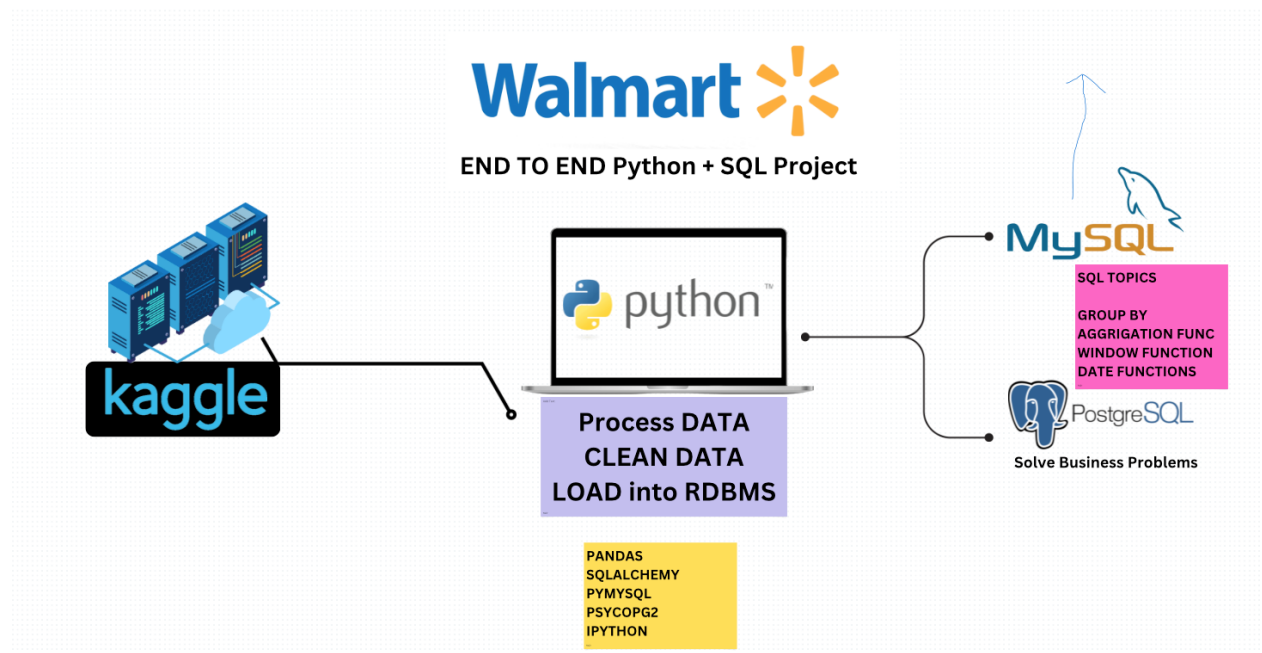


Walmart Business Problems



1. Analyze Payment Methods and Sales • Question: What are the different payment methods, and how many transactions and items were sold with each method? • Purpose: This helps understand customer preferences for payment methods, aiding in payment optimization strategies.
2. Identify the Highest-Rated Category in Each Branch • Question: Which category received the highest average rating in each branch? • Purpose: This allows Walmart to recognize and promote popular categories in specific branches, enhancing customer satisfaction and branch-specific marketing.
3. Determine the Busiest Day for Each Branch • Question: What is the busiest day of the week for each branch based on transaction volume? • Purpose: This insight helps in optimizing staffing and inventory management to accommodate peak days.
4. Calculate Total Quantity Sold by Payment Method • Question: How many items were sold through each payment method? • Purpose: This helps Walmart track sales volume by payment type, providing insights into customer purchasing habits.
5. Analyze Category Ratings by City • Question: What are the average, minimum, and maximum ratings for each category in each city? • Purpose: This data can guide city-level promotions, allowing Walmart to address regional preferences and improve customer experiences.

6. Calculate Total Profit by Category • Question: What is the total profit for each category, ranked from highest to lowest? • Purpose: Identifying high-profit categories helps focus efforts on expanding these products or managing pricing strategies effectively.
7. Determine the Most Common Payment Method per Branch • Question: What is the most frequently used payment method in each branch? • Purpose: This information aids in understanding branch-specific payment preferences, potentially allowing branches to streamline their payment processing systems.
8. Analyze Sales Shifts Throughout the Day • Question: How many transactions occur in each shift (Morning, Afternoon, Evening) across branches? • Purpose: This insight helps in managing staff shifts and stock replenishment schedules, especially during high-sales periods.
9. Identify Branches with Highest Revenue Decline Year-Over-Year • Question: Which branches experienced the largest decrease in revenue compared to the previous year? • Purpose: Detecting branches with declining revenue is crucial for understanding possible local issues and creating strategies to boost sales or mitigate losses