**Main Objective:**

Analyze ATM transactions and customer behavior to identify patterns, trends, and insights for optimizing banking services and customer experience.

**Problem Statements** explorations:

By the process of examining, cleaning, transforming, and modeling this data to extract valuable insights, draw conclusions, and support informed decision-making, this analysis provides systematically using data and quantitative analysis techniques to understand customer behavior, identify trends, mitigate risks, and uncover opportunities for growth, and it Will enable banks to

Enhance customer service and develop personalized offerings;

Identify and manage risks, such as credit risk and fraud;

Streamline operations and optimize resources;

Adhere to regulatory requirements and monitor compliance;

Drive strategic decision-making and maintain a competitive edge.