

## Project Design Phase-I Solution Architecture

|               |                                           |
|---------------|-------------------------------------------|
| Date          | 19 November 2023                          |
| Team ID       | 591834                                    |
| Project Name  | Project - Walmart Store Sales Forecasting |
| Maximum Marks | 4 Marks                                   |

### Solution Architecture:

Solution Architecture is a multifaceted and intricate process encompassing various sub-processes, acting as the crucial link between business challenges and technological resolutions. The primary objectives of solution architecture are multifaceted, aiming to:

- Identify Optimal Technology Solutions:
- Articulate Structural Characteristics:
- Define Features, Development Phases, and Solution Requirements:
- Specify Solution Attributes:
- Formalize Documentation:
- Facilitate Communication:
- Enable Informed Decision-Making:
- Ensure Scalability and Adaptability:
- Alignment with Business Goals:

In summary, solution architecture serves as a comprehensive guide, navigating the intricate landscape between business complexities and technological advancements. By addressing current challenges, providing clear communication channels, and aligning with future needs, solution architecture becomes an indispensable tool in achieving successful technology implementations.

## Solution Architecture Diagram:

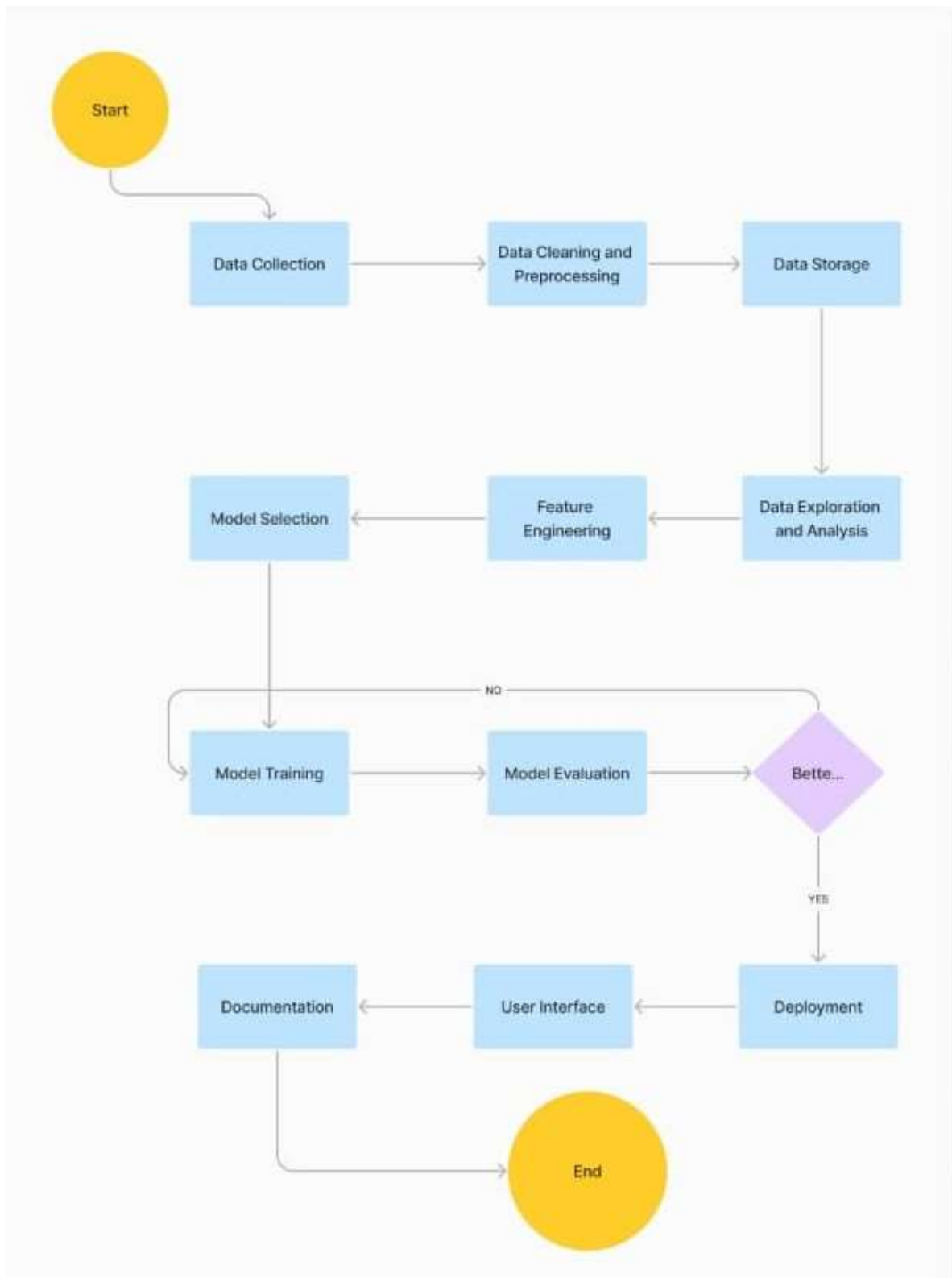


Figure 1: Architecture and data flow of the Walmart Store Sales Forecasting project.