

## Model Development Phase Template

Date	July 2024
Team ID	Team-739742
Project Title	Estimating the stock keeping units using Machine Learning
Maximum Marks	5 Marks

## Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Record_ID	Unique identifier for each stock	Yes	For predicting stock ID is not required
week	Week in which stocks got predicted	Yes	Exhibit weekly patterns for comparison across different weeks
Store_id	Each Store_id uniquely identifies a stock or entity	Yes	It facilitates comparison of performance metrics across different stocks
Sku_id	Each Sku_id uniquely identifies a specific product or item	Yes	Sku_id ensure that each product is uniquely identified
Total_price	Provides a comprehensive financial overview of stock	Yes	Helps in tracking the total revenue generated from sales over a specific period
Base_price	Represents the initial, non-adjusted price of a stock or item	Yes	Understanding the Base_price is essential for developing and adjusting pricing strategies, ensuring competitiveness and profitability
Is_featured_sku	Marks SKUs that are featured in promotions and advertisements	Yes	Guides decisions on resource allocation for marketing and promotions by showing featured items.

Is_display_sku	Differentiates display items from regular inventory in the analysis	Yes	Provides valuable insights into the effectiveness of display strategies
Units_sold	Tracks the quantity of each product sold	Yes	Helps in evaluating the sales performance of different products.