

## Model Development Phase Template

Date	12 July 2024
Team ID	SWTID1720190389
Project Title	E commerce shipping prediction
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
ID	Unique identifier for each record	No	Not relevant for analysis purposes.
Warehouse block	Block of the warehouse where the item is stored	Yes	Important for logistic analysis.
Mode of Shipment	Method of shipment (Flight/Ship/Road)	Yes	Affects delivery time.
Customer care calls	Number of calls made by the customer	Yes	Reflects customer dissatisfaction.

Customer rating	Rating given by the customer	Yes	Important for understanding customer satisfaction.
Cost of the Product	Cost of the product	Yes	Important for financial analysis and understanding cost dynamics.
Prior purchases	Number of prior purchases made by the customer	Yes	Provides insight into customer behavior and loyalty.
Product importance	Importance level of the product (low, medium, high)	Yes	Helps prioritize shipping and handling.
Gender	Gender of the customer	Yes	Useful for demographic analysis.
Discount offered	Discount offered on the product	Yes	Influences customer behavior and sales strategy.
Weight in gms	Weight of the product in grams	Yes	Important for shipping and handling cost analysis.
Reached.on. Time Y.N	Whether the product reached on time (1: Yes, 0: No)	Yes	Direct measure of logistic efficiency and customer satisfaction.