Model Development Phase Template

Date	20 JUNE 2024
Team ID	SWTID1720196555
Project Title	Ecommerce Shipping Prediction 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
Warehouse _block	The block in which the warehouse is located	Yes	The location can impact delivery time and cost.
Mode_of_ Shipment	The mode of shipment used for the delivery	Yes	Different modes have different delivery times and costs.
Product_im portance	The importance of the product	Yes	Important products might need quicker delivery.

Gender	The gender of the customer	Yes	Can be relevant for demographic analysis and targeting.
Customer_care_calls	The number of calls made by the customer to customer care	Yes	Indicates customer satisfaction and potential issues.
Customer_rating	The rating given by the customer	Yes	Customer feedback is crucial for service improvement.
Cost_of_the_Product	The cost of the product	Yes	Higher-cost products might have different handling requirements
Prior_purchases	The number of prior purchases made by the customer	Yes	Frequent buyers might have loyalty benefits.
Discount_offered	The discount offered on the product	Yes	Discounts can impact purchase decisions and profitability.
Weight_in_gms	The weight of the product in grams	Yes	Heavier products might cost more to ship.