Model development phase

Date	1 July 2024
Team ID	SWTID1720434734
Project Title	Ecommerce 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 applicant	no	Not relevant for predictive modeling; it does not contribute to the prediction of shipping times.
Warehouse block	Identical items that are typically stored	yes	Reduces errors and enhances overall operational efficiency.
Mode of shipment	Methods of transporatation	yes	Important for precise delivery time predictions, costs, reliability, and customer experience.
Customer care calls	Connenction or interaction with our customers	yes	Provides real-time feedback, highlights patterns and expectations, and improves customer experience.
Customer rating	Score, feedback or review	yes	Direct feedback on delivery performance helps identify problem areas, improve carrier selection,

			and enhance predictive models.
Cost of the product	Monetary outlay	yes	Relevant for shipping prioritization, insurance and handling.
Prior purchases	To purchase something in advance	yes	Indicates customer behaviour, historical delivery patterns, carrier performance, and inventory management.
Product importance	Key element of the product	yes	Affects packaging, handling, carrier selection, stock location, shipping restrictions, demand, and regulatory requirements.
Gender	Applicant's gender	no	Not a direct factor in the logistical aspects of shipping prediction.
Discount offered	Deduction from the price of goods or services	yes	Influences demand fluctuations, warehouse efficiency, and customer expectations.
Weight in gms	Relative mass of the product	yes	Affects shipping costs, carrier options, handling requirements, transit times, and logistical planning.