Model Development Phase Template

Date	15 March 2024
Team ID	SWTID1720452383
Project Title	Ecommerce shipping predition
Maximum Marks	5 Marks

Feature Selection Report Template

This report details the feature selection process for enhancing ecommerce shipping prediction models. Each feature is accompanied by a brief description and the rationale behind its selection or exclusion. This structured approach aims to optimize model performance by focusing on relevant predictors while promoting transparency in decision-making.

Feature	Description	Selected (Yes/No)	Reasoning
Order Date and Time	Timestamp indicating when the order was placed.	Yes	Essential for understanding temporal patterns in order volumes and shipping demands.
Shipping Destination	Geographic location where the order is being shipped.	Yes	Helps in analyzing shipping distances, regional demand variations, and logistics planning.
Product Category	Type of product being shipped (e.g., electronics, apparel).	**yes**	Different product categories may exhibit distinct shipping characteristics and delivery times