Model Development Phase Template

Date	7 JULY 2024
Team ID	SWTID1720110768
Project Title	CovidVision: Advanced Covid-19 Detection From Lung X-rays with Deep 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
ID	Unique identifier for each shipment	No	Not relevant for prediction, used only for identification purposes.
Warehouse_block	The warehouse block from where the shipment is sent	No	Can impact delivery times due to location and logistics.

Mode_of_Shipment	The mode of transportation used for shipment	No	Different modes have varying delivery speeds and reliability.
Customer_care_calls	Number of calls made to customer care by the customer	Yes	Frequent calls might indicate issues with shipment, impacting delivery time.

Customer_rating	Customer's rating of the service	Yes	Higher or lower ratings could reflect customer satisfaction and service quality.
Cost_of_the_Product	Cost of the shipped product	Yes	Higher value items may receive prioritized handling, affecting delivery time.
Prior_purchases	Number of prior purchases made by the customer	Yes	Repeat customers may have different shipment processing times due to established relationships.
Product_importance	Importance level of the product (low, medium, high)	Yes	Higher importance products may be prioritized for faster delivery.
Gender	Gender of the customer	Yes	Unlikely to have a significant impact on shipping times.

Discount_offered	Discount offered on the product	Yes	Discounts may be associated with promotional shipping speeds or delays.
Weight_in_gms	Weight of the shipment in grams	No	Heavier items may take longer to process and deliver.
Reached.on.Time_Y.N	Whether the shipment reached on time (target variable)	Yes	This is the target variable we are predicting.