Model Development Phase Template

Date	14th July 2024
Team ID	739889
Project Title	SENTIMENTAL ANALYSIS OF COMMODITY NEWS (GOLD)
Maximum Marks	6 Marks

Model Selection Report

In the forthcoming Model Selection Report, various models will be outlined, detailing their descriptions, hyper parameters, and performance metrics, including Accuracy or F1 Score. Thiscomprehensive report will provide insights into the chosen models and their effectiveness.

Model	DESCRIPTON	Hyperparameters	Performance Metric (e.g., Accuracy, F1 Score)
LOGESTIC REGRESSION	Simple tree structure; interpretable,captures non-linear relationships, suitable for initial insights into loan approval patterns.	-	Accuracy score =94%
SVM	Classify data by finding the optimal decision boundary that maximally separates different classes. It aims to find the best hyper plane that maximizes the margin between support vectors, enabling effective classification even in complex, non-linear scenarios.	-	Accuracy score =88%