



Weekly Progress Report			
Topic:	Chatbot – Final Project	Week No.	13
Course Code:	CSST101, CSST102	Term:	1st Semester
Course Title:	Advance Representation and Reasoning Basic Machine Learning	Academic Year:	2024-2025

Main Tasks Assigned:

Fine-tune model hyperparameters (e.g., learning rate, batch size)
Conduct initial testing on the validation dataset
Record training results and identify potential issues

Work Completed:

Successfully trained the logistic regression model on the vectorized training data and evaluated its performance on the validation dataset.

Challenges Encountered:

Experienced performance variability in the model due to suboptimal hyperparameter settings and potential overfitting.

Solutions Implemented:

Conducted a grid search to fine-tune hyperparameters such as learning rate and batch size, leading to improved model accuracy.

Tasks for Next Week:

Continue optimization of the model based on results, focusing on error analysis and data augmentation techniques.

Instructor's Feedback:

Instructor's Signature: _____

Date: _____