Week #: 11

Course: Applied Data Science with AI

Semester: BSSE (B) 7th
Student Name: IMSHA Nadeem
Roll Number: 2225165110
Instructor Name: Dr. Mohsin Nazir

Project Title: Student Performance Prediction

Reading Summary

Reading Material for this Week:
 NLTK Book

Key Learnings:

1. Learned tokenization and text preprocessing concepts.

2. Understood TF-IDF and stopword removal.

3. Learned when NLP is required.

Classroom Task Documentation

Task Performed in Class:
 Discussed NLP pipeline and text data processing.

Weekly Assignment Submission

Assignment Title: NLP Preprocessing

Steps Taken:

1. Reviewed dataset for text features.

2. Determined dataset is numeric, not text-based.

3. Explained why NLP is not required.

Challenges Faced:

None.

Project Progress Milestone:

Confirmed NLP not applicable to project.

Self-Evaluation:

Completed task with correct analysis.