

Week #: 12

Course: Applied Data Science with AI

Semester: BSSE (B) 7th

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Instructor Name: Dr. Mohsin Nazir

Project Title: Student Performance Prediction

Reading Summary

Reading Material for this Week:

Flask ML Deployment

Key Learnings:

1. Learned how ML models are deployed.
2. Understood API-based prediction.
3. Learned Flask basics.

Classroom Task Documentation

Task Performed in Class:

Studied Flask architecture for ML deployment.

Weekly Assignment Submission

Assignment Title: Model Deployment**Steps Taken:**

1. Saved trained ANN model and scaler.
2. Created Flask API for prediction.
3. Tested model using POST request.

Challenges Faced:

Understanding server execution.

Project Progress Milestone:

End-to-end ML pipeline completed.

Self-Evaluation:

Learned deployment basics well.