

Capstone Project in AI

Duration: 2 Months (Mon–Fri, ~90 Hours)

Mode: Live Online / Classroom

Tools & Technologies: Python, TensorFlow, PyTorch, Cloud platforms

Syllabus

Week 1

- Project ideation and dataset selection
- Assignment at end of week

Week 2

- Data cleaning and preprocessing
- Assignment at end of week

Week 3

- Model training and evaluation
- Assignment at end of week

Week 4

- Iteration and optimization
- Mock Interview 1
- Assignment at end of week

Week 5

- Deployment on cloud platforms
- Assignment at end of week

Week 6

- API creation and integration
- Assignment at end of week

Week 7

- Final project development
- Assignment at end of week

Week 8

- Project presentation & viva
- Mock Interview 2
- Assignment at end of week

Learning Outcomes

- Design and execute a real-world AI project
- Clean and preprocess large datasets
- Train and optimize ML/DL models
- Deploy solutions on cloud platforms
- Present results professionally