



Artificial Intelligence and Machine Learning Training

Program Content

Module 1: Fundamentals of AI

- Fields in AI
 - Computer Vision
 - Natural Language processing
 - Recommendation Systems
- What is AI, ML, DL?
- Applications of AI

Module 2: Python libraries for AI

- NumPy
- SKLearn
- Matplotlib
- Pandas
- Keras
- OpenCV

Module 3: Terminologies Used in AI

- Training Data and Test Data
- Neurons
- Forward and Backward Propagation
- Activation functions, etc.

Module 4: Machine Learning

- Types of Machine learning
 - Supervised
 - Unsupervised
 - Reinforcement
- Types of machine learning algorithms
 - Classification

- **Regression**

Module 5: Deep learning

- **Artificial Neural Networks**
- **Deep Neural Networks**
- **Convolutional Neural Networks (CNN)**
 - **Object Detection**
 - **Face Detection**
 - **Classification**
 - **Recognition**



Contact Details:

Email: info@heu.ai

Mobile No. +91 9175727077