AI Course in Gurgaon

Course Duration : 40 Hours **Course code : AI-GUR-501**

1. Course Overview

The AI Course in Gurgaon is designed to provide a strong foundation in Artificial Intelligence along with practical exposure to real-world applications. This course covers key concepts such as machine learning, deep learning, natural language processing, and computer vision. Learners will gain hands-on experience using Python and industry-relevant tools to build intelligent systems.

2. What you'll learn?

- Fundamentals of Artificial Intelligence and Machine Learning
- Python programming for AI development
- Data preprocessing and model building techniques
- Deep learning and neural networks
- Natural Language Processing and Computer Vision
- Deployment of AI models in real-world scenarios

3. Target Audience

- Students and fresh graduates
- Working professionals looking for career growth
- IT professionals and developers
- Data analysts and engineers
- Entrepreneurs interested in AI solutions

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4. Pre-Requisites

- Basic knowledge of programming (Python preferred)
- Understanding of basic mathematics (statistics & algebra)
- Logical thinking and problem-solving skills
- No prior AI experience required

5. Course Content (Modules)

Module 1: Introduction to AI & Python

- Basics of Artificial Intelligence
- Python programming fundamentals
- Data handling with NumPy and Pandas

Module 2: Machine Learning

- Supervised and unsupervised learning
- Regression and classification models
- Model evaluation techniques

Module 3: Deep Learning

- Neural networks and architectures
- TensorFlow and Keras basics
- Building deep learning models

Module 4: NLP & Computer Vision

- Text preprocessing and sentiment analysis
- Chatbots and NLP concepts
- Image processing and OpenCV basics

Module 5: Model Deployment & Capstone Project

- Model deployment fundamentals
- API integration and cloud basics
- Real-time project development