Real-World Projects

Wholesome curriculum

Learn from Industry Leaders

Holistic Learning

Expert Instructors

Code to Excel!!!

AI+ Python Programming Advanced Level

Right Angle

Curriculum Overview

Python Advance Concepts:
- Learning advanced Python related to AI.

Control Structures:
- Mastery of conditional statements and loops.

Functions and Modules:
- Ability to define and use functions and modules.

Data Structures:
- Proficiency in lists and dictionaries for efficient data handling.

Advanced AI:
- Understanding advanced AI concepts and applications.

Data Collection and Cleaning:
- Skills in gathering and preparing data for analysis.

Machine Learning:
- Supervised and unsupervised learning basics.

Data Visualization:
- Proficiency in visualizing data using Matplotlib and Seaborn.

Neural Networks:
- Basics of neural networks and their applications.

Image Processing:
- Techniques for image analysis & processing.

Natural Language Processing (NLP):
- Basics of text analysis and NLP techniques.

Sentiment Analysis:
- Mastery of sentiment analysis using Python.

Reinforcement Learning:
- Understanding principles and applications of RL.

Data Science Projects:
- Application of skills in real-world projects.

Advanced Python Libraries:
- Exploration and proficiency in NumPy and Pandas.

Time Series Analysis:
- Techniques for analyzing time series data.

Deep Learning:
- Understanding concepts and applications of deep learning.

Convolutional Neural Networks (CNNs):
- Mastery of CNNs for image processing.

Domain Applications:
- AI in robotics, healthcare, finance, and education.

BENEFITS

Python Proficiency:
Competency in Python programming for AI applications.

Data Handling Proficiency:
Ability to collect, clean, and analyze data.

Machine Learning Expertise:
Mastery of both supervised and unsupervised learning.

Advanced AI Applications:
Skills in neural networks, NLP, and image processing.

Ethical Awareness:
Understanding ethical considerations and biases associated with AI technologies.

Real-world Application:
Experience in applying AI to diverse domains.

Final Projects:
Planning, designing, implementing, and showcasing final AI projects with guidance from instructors.

CONTACT US!

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