



Data Science and Machine Learning with AI

HOTTEST JOB OF 21ST CENTURY

About Us:

GlobeCreator is a leading training institute focused on delivering high-quality education in Java, Python, Data Science, Machine Learning & AI. We emphasize hands-on training, real-time industry projects, and expert-led sessions to ensure learners develop practical, job-ready skills.



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Learning Format

online/offline

Career support

6 month course

Live Classes

1 to 1 Mentor Support



Certification On Completion

**Unlock Your Potential with Our
Comprehensive Training Courses**

Program Syllabus

Core Python

- Introduction to Python
- Play with Variables and Data Types
- Fundamentals of Python Expressions
- Conditional Statements
- Data Structure: List
- Data Structure: Tuples
- Loops and Iterations
- Designing Patterns
- Data Structure: Sets
- Data Structure: Dictionary
- Functions in Python
- Structure Code with OOP Principles
- Regular Expressions (Regex)
- Optical Character Recognition
- Handle Error and Exceptions
- Advance Python

Advance Python

- Package Management in Python
- Data Manipulation with Pandas Arrays in Python
- Statistical Analysis with Numpy
- Data Visualization
- Working with Data Files
- Advance Data Manipulation Techniques
- SQL - Structured Query Language

SQL - Structured Query Language

- Introduction to SQL
- Data Query Basics
- DDL - Data Definition Language
- Constraints in SQL
- DML - Data Manipulation Language
- DTL Essentials
- Joining Tables
- Aggregate Functions
- Understanding Clauses
- Statistics

Machine Learning

- Introduction to Machine Learning
- Supervised Machine Learning
- Regression Analysis
- Classification Techniques
- Unsupervised Machine Learning
- Underfitting and Overfitting in ML
- Hyperparameter Tuning
- Balancing Precision

Deep Learning

- Introduction to Deep Learning
- Basics of Neural Network
- Artificial Neural Network
- Deep Learning Frameworks
- Convolutional Neural Network
- Recurrent Neural Network
- Generative Adversarial Network

AI - Artificial Intelligence

- Fundamentals of Artificial Intelligence
- Problem Solving and Search Algorithms
- Knowledge Engineering in AI
- Application of game theory
- AI in Sentiment Analysis
- AI in Core Business
- Deep Dive with Generative Model
- Transfer Learning
- Fine Tuning Models
- Graph Neural Networks
- Social Network Analysis

Advance Excel

- Introduction to Excel
- Conditional Formatting
- Data Analysis Functions
- Pivot Tables
- Data Validation
- Excel in Data Science

R-Programming

- Introduction to R-Programming and R-Studio
- Play with Variables and Data Types
- Fundamentals of Python Expressions
- Conditional Statements
- Loops and Iterations
- Vector and Matrix in R
- Arrays, List, and DataFrames in R
- Strings and Manipulation
- Machine Learning in R

Statistics

- Introduction to Statistics
- Descriptive Statistics
- Measure of Dispersion
- Graphs / Charts in Statistics
- Probability Fundamentals
- Inferential Statistics
- Hypothesis Testing
- CHI-Square Testing

BI - Business Intelligence

- Introduction to BI tools
- Introduction to Tableau
- Basic Data Operations
- Graphs in Tableau
- Sets Tableau Calculations
- Interactive Dashboards
- Case Studies