AI / ML Engineering Training

Industry-Ready IT Skills | Live Projects | Placement Support

CORPORATE TRAINING

We are committed to transforming learners into confident, industry-ready professionals. This program is structured to bridge the gap between academic learning and the real expectations of the corporate world. Whether you're a fresher or looking to transition into IT, this is your opportunity to gain practical skills, confidence, and professional competency.

Expert Solution Architect & Corporate Trainer

With over 15 years of IT experience, our instructor has served as a Solution Architect across leading global organizations, delivering enterprise-scale solutions. His expertise includes application development, cloud engineering, DevOps, microservices, and AI-driven systems.

📝 **For Registration and Demo**

📞 Contact: +91-8431893406, 9844551434

✉️ Email: support@nexgenitlabs.com

Seats are limited - enroll now to secure your spot and begin your journey toward a successful career in IT.

📍 **Training Mode & Duration**
🖥️ Mode: Offline & Online (Flexible Learning Options)
⏳ Duration: 8–12 Weeks
📅 Batch Schedule: Multiple batches available to suit your timing

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Training Modules

1. Introduction to AI & ML
- What is AI, ML, Deep Learning?
- AI vs ML vs DL
- Real-world Applications
- Types of Machine Learning:
  - Supervised
  - Unsupervised
  - Semi-supervised
  - Reinforcement Learning

2. Python Programming for AI/ML
- Python Basics (Variables, Loops, Functions, OOP)
- Libraries: NumPy, Pandas, Matplotlib, Seaborn
- Data Manipulation with Pandas
- Exploratory Data Analysis (EDA)

3. ML Foundations
- Linear algebra basics
- Probability & statistics
- Feature engineering
- Model evaluation

4. Machine Learning Algorithms
- Regression models
- Classification models
- Clustering & Dimensionality reduction
- Ensemble techniques (Random Forest, XGBoost)

5. Deep Learning
- Neural networks
- CNNs
- RNN/LSTM
- Transfer learning

6. NLP (Natural Language Processing)
- Text preprocessing
- Embeddings
- Transformers basics

7. Generative AI (GenAI)
- LLMs
- Prompt engineering
- Chatbots basics

8. MLOps & Deployment
- Model packaging
- APIs with Flask/FastAPI
- Docker basics
- Introduction to MLflow / CI-CD

9. Cloud Platforms & Big Data (Basics)
- AWS S3, EC2, Lambda, SageMaker
- Azure ML Studio
- Google Vertex AI
- Cloud Deployment Workflows

10. Mini Projects
- ML prediction model
- NLP or DL project
- End-to-end deployment mini project

11. Additional Skills
- Git & GitHub
- Jupyter Notebook, VS Code
- Data Storytelling & Visualization
- Interview Preparation

Build Skills. Build Confidence. Become Industry-Ready