



## Become a Professional in **API Development**

In **2 Weeks**

Learn from Industry Experts | Live Projects | Placement Support

LN AI Academy is dedicated to providing industry-focused training that helps students build real skills for real jobs in Data Science, AI, Machine Learning, and modern development tools.

Our mission is to make high-quality tech education accessible for everyone. With expert mentors, practical projects, and job-oriented modules, we help learners build the confidence and expertise needed to grow in the IT industry. Whether you're starting from scratch or upgrading your skills, LN AI Academy ensures you gain the knowledge required to succeed.



<b>10K+</b> Student Trained	<b>250+</b> Real-World Projects	<b>100%</b> Placement Assistant
--------------------------------	------------------------------------	------------------------------------

## Introduction to APIs

- What is API? (REST concept)
- HTTP methods: GET, POST, PUT, DELETE
- Request vs Response

## Basic FastAPI Setup

- Installation & project structure
- First API (Hello World)
- Running server with Uvicorn

## Request Handling

- Query parameters
- Path parameters
- Request body (JSON)

## Response Handling

- JSON response
- Custom response
- Status codes

## Automatic Documentation

- Swagger UI (/docs)
- ReDoc (/redoc)
- API testing

## Pydantic Models (Very Important)

- Data validation
- Request/response schema
- Type checking

## Model Integration

- Load trained model (pickle/joblib)
- Prediction API
- Input → model → output

## Async Programming

- async / await concept
- FastAPI performance advantage

## File Upload & Handling

- Image/file upload APIs
- Use case: image classification model

## Deployment Preparation

- Requirements.txt
- Environment setup
- Production considerations



+91 9958-966-311



info@LNtechnovate.com



[www.LNtechnovate.com](http://www.LNtechnovate.com)



Ground Floor, B-70, B Block, Sector 2, Noida, UP – 201301