



# PYTHON TRAINING PROGRAM

**Course Duration : 2 months**

# Course Overview

The power of Python with our comprehensive 2-month certification course, designed for beginners and professionals alike. Delivered by industry experts through live weekend classes, this course covers everything from basic syntax to advanced data handling and object-oriented programming



# BENEFITS

- Cover all essential Python topics, from basic syntax to advanced concepts like data analysis and object-oriented programming.
- Engage in real-world projects and assignments to build a strong portfolio, enhancing your job readiness and confidence



# PROJECTS AND PLACEMENT

- Engage in real-world projects and assignments to build a strong portfolio, enhancing your job readiness and confidence.
- Receive placement support and access to job boards, helping you secure high-paying roles in data analysis and business intelligence.

# Learning Module

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- **32+ Live Sessions across 3 Months**
  - **10+ Industry Projects and Case Studies**
  - **Add-on Placement Support**

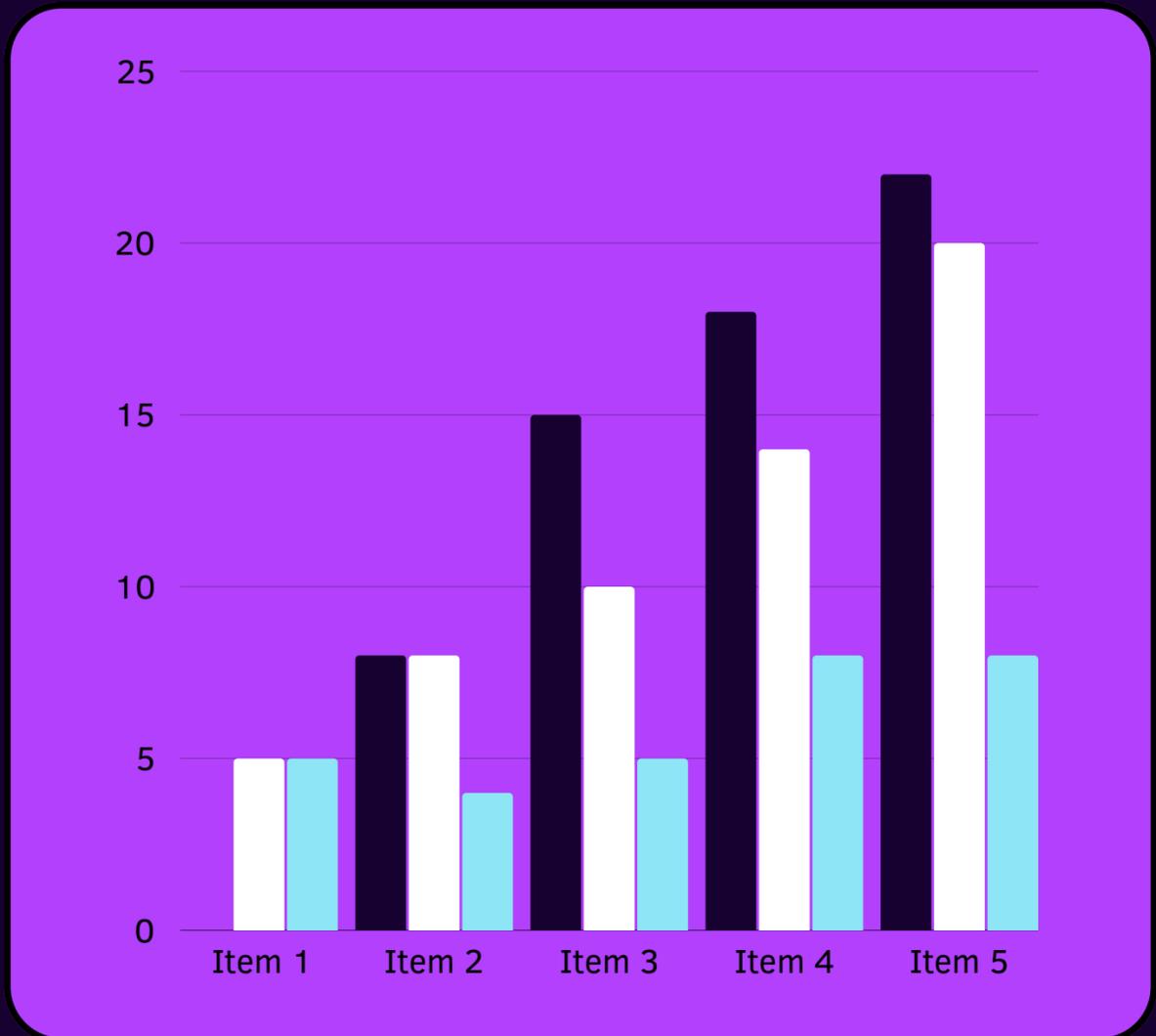
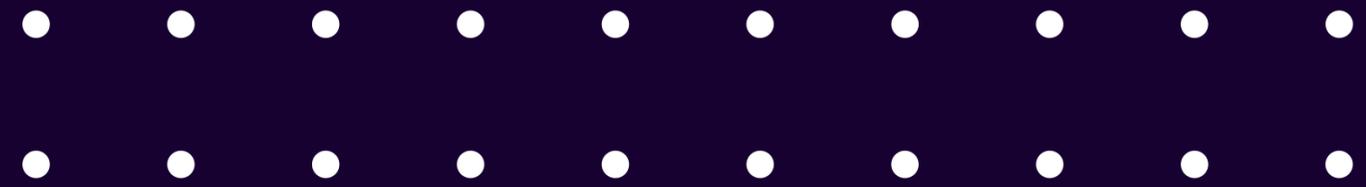
- **Mentor Support**
- **No Cost EMI Option**
- **24/7 Support**

- **1:1 interactions with industry Experts**
- **Guaranteed Certification**

- **Soft skill training**
- **Career development program for both Freshers & Experienced**

# CAREER OUTCOME

- ▶ Python Developer
- ▶ Machine Learning Engineer
- ▶ Automation Engineer
- ▶ Data Analyst



# COURSE CURRICULUM

## INTRODUCTION TO BUSINESS ANALYTICS

- ▶ Introduction to programming and Python
- ▶ Setting up the Python environment
- ▶ Python syntax, keywords, and identifiers
- ▶ Basic data types and variables
- ▶ input and output operations

# COURSE CURRICULUM

## CONTROL STRUCTURES



- ▶ Conditional statements (if, else, elif)
- ▶ Loops (for, while)
- ▶ Nested loops and conditional statements
- ▶ Break, continue, and pass statements
- ▶ Control structure exercises

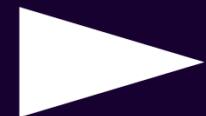
# COURSE CURRICULUM

## FUNCTIONS

- ▶ Defining and calling functions
- ▶ Function arguments and return values
- ▶ Lambda functions
- ▶ Scope and lifetime of variables
- ▶ Function-based problems

# COURSE CURRICULUM

## DATA STRUCTURES



Lists and list comprehensions



Tuples



Dictionaries



Sets



Data structure manipulations

# COURSE CURRICULUM

## MODULES AND PACKAGES



- ▶ Importing modules
- ▶ Creating and using custom modules
- ▶ Standard libraries
- ▶ Working with modules and packages

# COURSE CURRICULUM

## FILE HANDLING

- ▶ Reading from and writing to files
- ▶ Working with different file formats (txt, csv, json)
- ▶ Exception handling
- ▶ File handling tasks

# COURSE CURRICULUM

## OBJECT ORIENTED PROGRAMMING



- ▶ Classes and objects
- ▶ Inheritance
- ▶ Polymorphism
- ▶ Encapsulation
- ▶ OOP-based problems

# COURSE CURRICULUM

## ADVANCED TOPICS AND PROJECTS



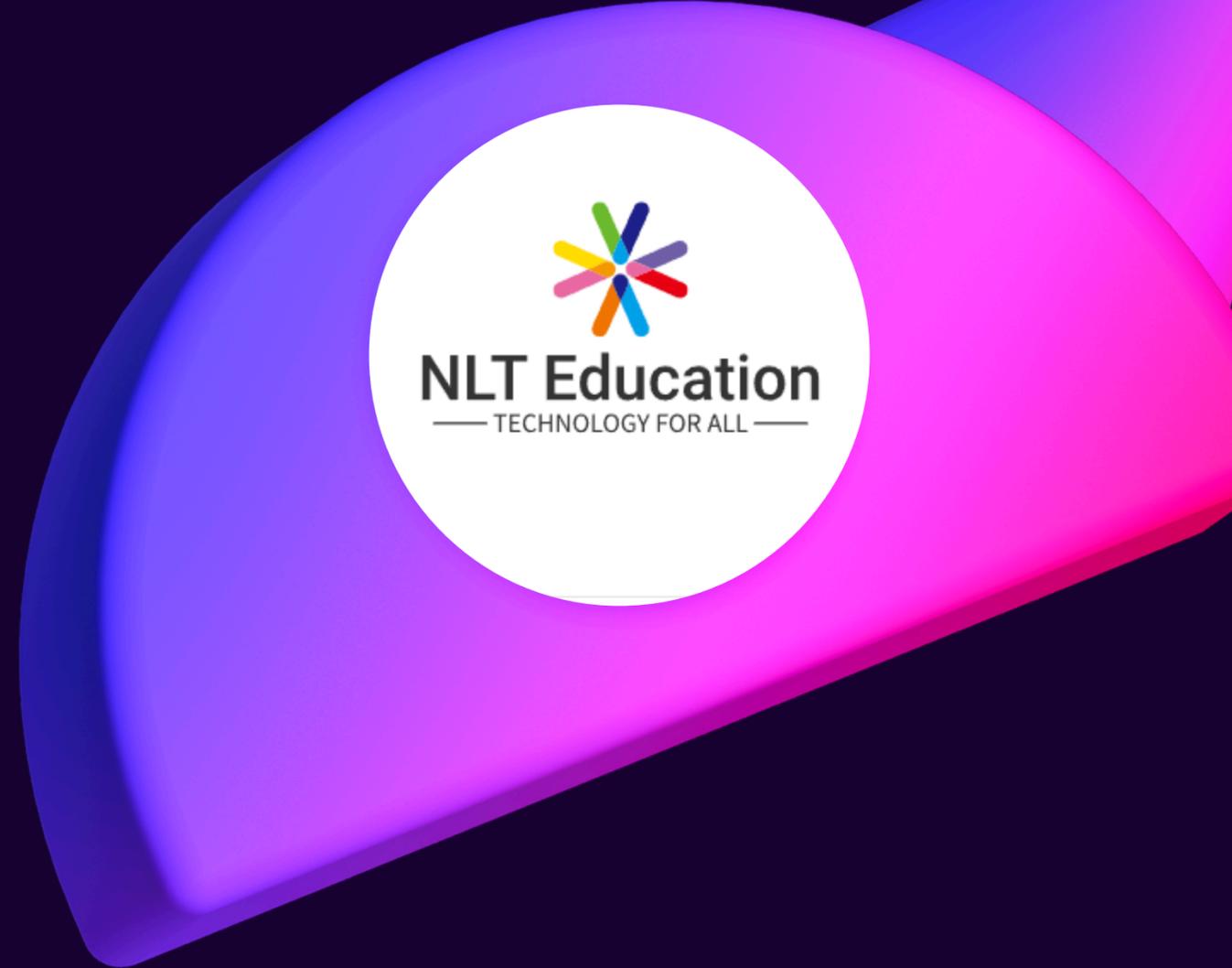
- ▶ Introduction to popular libraries (NumPy, Pandas, Matplotlib)
- ▶ Basic data analysis and visualization
- ▶ Final project discussion and guidance
- ▶ Project submission and review

# COURSE CURRICULUM

## FINAL PROJECT

- ▶ Develop a small application or data analysis project using the concepts learned during the course
- ▶ Present the project in the final class

# PROGRAM FEES AND PAYMENT MODE



## FEES

INR.35000+ GST

## SEAT BLOCKING

INR.5000

## PAYMENT MODE

- NO COST EMI
- CREDIT CARD EMI
- FULL PAYMENT

# ADMISSION PROCESS



## STEP 1

Fill out the online application form on the NLT Education website.

## STEP 2

Your application will be reviewed by the admissions team and our counselors will be connect you for further process

## STEP 3

Successful candidates will receive an offer letter and can proceed with enrollment

# CONTACT US



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