

UpskilliQ

**Introduction  
&  
Courses**



## □ **Company**

UpskillIQ is an online Training division of Excelvisior technology([www.excelvisior.com](http://www.excelvisior.com)) focusing on the Industry 4.0 technologies. The focus of the training is to skill up the candidates by giving the knowledge and enabling the candidates with real time implementation of knowledge.

The major technology areas are Machine Learning, Data Science, Storage Automation, Python, Cloud, DevOps, Full Stack with a lot of practice session, quiz & constant feedback etc.

## □ **About Trainer**

Trainers at Upskill IQ are experts from Industry. They are experts in their respective areas and have capability train and also help in resolving any real time issue that the candidate might be facing.

The trainers have also tremendous experience in taking on line classes and make sure that the students are gaining the knowledge very properly.

### Training Procedure & Monitoring

Upskill IQ delivers the online trainings using the video conference software with a Trainer and the monitors the progress through LMS. The candidates get a login form LMS after enrollment. In LMS they can access the study materials, Get the dash board to monitor the progress, Quiz & Assignments and the results for them.

## □ **First Time Job Seeker Programs**

- For Students who are fresh out of college UpskillIQ has customized the course to suited for job market as a fresher
- Handholding on interview preparation and profile making
- Placement assistance by the placement team of UpskillIQ
- We have 360-degree support that means even the course is completed candidates can still avail help in preparation of interview and other assistance
- Career counseling by Industry Experts
- Access of Lab to do hands on practice

## □ **Working Professional**

- Career Consulting by the industry experts
- Placement assistance by the placement team
- Preparation with Interview questions
- Mock interview can be arranged on need basis by experts from same domain

## □ **Courses Offered by UpskillIQ**

- Python/Advance Python
- Data Science
- Machine Learning
- Storage Automation Using Python
- DevOps



- FullStack
- Cloud Computing

## ☐ Courses Details

### ❖ **Python [40 Hours]**

- Introduction
- Control Structure (If else, List, Range, Tuple, Code Reuse, Loops, Boolean Logic etc)
- Functions & Modules
- Exception Handling & File Handling in Python
- More Types in Python
- Functional Programming in Python
- OOPs in Python
- Regular Exception
- Assignment & Quiz for each Module
- GUI development using python (Advance)
- Networking Programing (Advance)
- Data base connectivity using Python (Advance)

### ❖ **Advance Python [70Hours]**

- Introduction
- Control Structure (If else, List, Range, Tuple, Code Reuse, Loops, Boolean Logic etc)
- Functions & Modules
- Exception Handling & File Handling in Python
- More Types in Python
- Functional Programming in Python
- OOPs in Python
- Regular Exception
- GUI development using python
- Networking Programing
- Data base connectivity using Python
- Assignment & Quiz for each Module

### ❖ **Data Science [65Hours]**

- Introduction to Analytics and Type of Analytics
- Python Programming required for Data science
- PLOTTING DATA
- NUMPY
- PANDAS
- Statistics
- Scipy
- Machine Learning
- Deep Learning



- Assignment & Quiz

❖ **Machine Learning [50 Hour]**

- Introduction to Machine learning
- Python for Machine Learning
- Scikit Learn
- Data Extraction and Wrangling
- Regression
- Classification
- Unsupervised Learning Models
- Clustering
- Dimensionality Reduction
- Time Series Model
- Model Selection and Boosting
- Assignment & Quiz

❖ **Storage Automation Using Python [ 80 Hour]**

- SDLC
- Testing
  - Testing methodology
  - Types of Testing
  - Test Case writing
  - Test Plan Preparation
- Storage
  - NAS, SAN, DAS
  - Storage Devices
  - RAID
  - Data Management
  - Storage Networking
  - Storage Protocol
- Python
  - For networking programs
- Automation implementation on Storage Project

❖ **DevOps[20Hour]**

- Introduction to DevOps
- Components of DevOps
- Goal of DevOps
- Challenges DevOps Solves
- Git
- Jenkins
- Maven



- Integrating Jenkins, git and Maven
  
- ❖ **FullStack [70Hours]**
  - Java Script Development/ Python (Both Option are available)
  - Node.Js
  - Angular
  - Mango DB
  
- ❖ **Cloud Computing [40Hours]**
  - Cloud Computing Introduction
  - Azure
  - Difference & Similarities with AWS & Azure
  - Cloud Implementation

For exiting discount & Live Projects please Call/Contact UpskilliQ team.

[info@upskilliq.in](mailto:info@upskilliq.in), [www.upskilliq.in](http://www.upskilliq.in)

**Phone:** 9535152591/080-43741859

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