



Complementary Courses

**COMPLEMENTARY
COURSES WITH
TRAINING AND
INTERNSHIP**

SHAPEAI

Detailed Syllabus for Data Analyst Training

The focus of this program is to allow students to learn product development from scratch and utilize their summer holidays to their fullest via this product-based industrial training.

- Guidance from the best
- Recorded Sessions
- 24x7 Doubt Solving
- Hands on experience on Industry Level Project

Introduction to Python

Data Types and Operators | Control Flow | Scripting | Object-Oriented Programming

Intro to Data Analysis

Statistics for Data Analysis | Collecting Data | Assessing and Cleaning Data | Visualizing Data | Data Analysis using NumPy and Pandas

Intro to Machine Learning

Supervised Machine Learning Algorithms like Linear Regression, Decision Trees, etc. | Unsupervised Machine Learning Algorithms.

Intro to Deep Learning

Artificial Neural Networks (ANNs) | CNNs | RNNs.

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DATA ANALYST
THIS SUMMER
GET TRAINED
WITH US

Detailed Syllabus for Machine Learning Engineer

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- 24x7 Doubt Solving
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Introduction to Python

Data Types and Operators | Control Flow | Scripting | Object-Oriented Programming

Intro to Machine Learning

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Web Deployment

Python web framework Django and Flask | Deployment of machine learning models using Amazon Web Services.

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ML ENGINEER
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Detailed Syllabus for Full Stack Web- Development

The focus of this program is to allow students to learn product development from scratch and utilize their summer holidays to their fullest via this product-based industrial training.

- Guidance from the best
- Recorded Sessions
- 24x7 Doubt Solving
- Hands on experience on Industry Level Project

Web Development Fundamentals

Introduction to Web & Web Development | HTML & CSS | Git & GitHub | Bootstrap & JavaScript | Building a landing page with HTML & CSS

Backend Development

Node & Express | Microservices using express | MongoDB | Validation & Relationship in MongoDB

Frontend Development

React & React Router | Class & Function Components | React Hooks | Redux & Redux Thunk | Backend Connection

Deployment

Architecting Application to scale | Docker and Containers | Docker-Compose | Automate the deployment with CICD | Orchestrating with Kubernetes.

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FULL STACK WEB-D
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