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PYTHON
Development

python

CONTENTS

Learn the basics of
Python programming

Learn statistics and
mathematics

Familiarize yourself with
essential data science
libraries

Dive into machine
learning

Work on
projects

Keep up with the latest
trends and developments

SYLLABUS

• Introduction to Python

1. What is Python and history of Python?
2. Unique features of Python
3. Python-2 and Python-3 differences
4. Install Python and Environment Setup
5. First Python Program
6. Python Identifiers, Keywords and Indentation
7. Comments and document interlude in Python
8. Command line arguments
9. Getting User Input

• Python Data Types

1. What are variables?
2. Python Core objects and Functions
3. Number and Math's
4. Week 1 Assignments

SYLLABUS

- ## LIST,RANGE,TUPLES

- ## BUILT-IN FUNCTION

SYLLABUS

• DATABASE IN PYTHON

1. Python MySQL Database Access
2. Install the MySQLdb and other Packages
3. Create Database Connection
4. CREATE, INSERT, READ, UPDATE and DELETE
5. Operation DML and DDL Operation with Databases
6. Performing Transactions
7. Handling Database Errors
8. Web Scraping in Python

• DATA ANALYSIS IN PYTHON

1. Introduction to numpy
2. Creating arrays
3. Using arrays and Scalars
4. Indexing Arrays
5. Array Transposition
6. Universal Array Function
7. Array Processing
8. Array Input and Output

SYLLABUS

- **PANDAS**

1. What is pandas?
2. Where it is used?
3. Series in pandas
4. Index objects
5. Reindex
6. Drop Entry
7. Selecting Entries
8. Data Alignment
9. Rank and Sort
10. Summary Statics
11. Missing Data
12. Index Hierarchy

SYLLABUS

• MATPLOTLIB

1. Python For Data Visualization
2. Welcome to the Data Visualization
3. Section Introduction to Matplotlib

• DJANGO

1. Django Web Framework in Python Introduction

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Our Mission

To be a leading provider of innovative and high-quality IT training, empowering individuals and organizations to achieve their fullest potential through technology.

Our Vision

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Additional Features

Joining Letter

Completion Certificate

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Welcome Kit

Experience Letter

REGISTRATION PROCEDURE

New Batch !

Training Mode
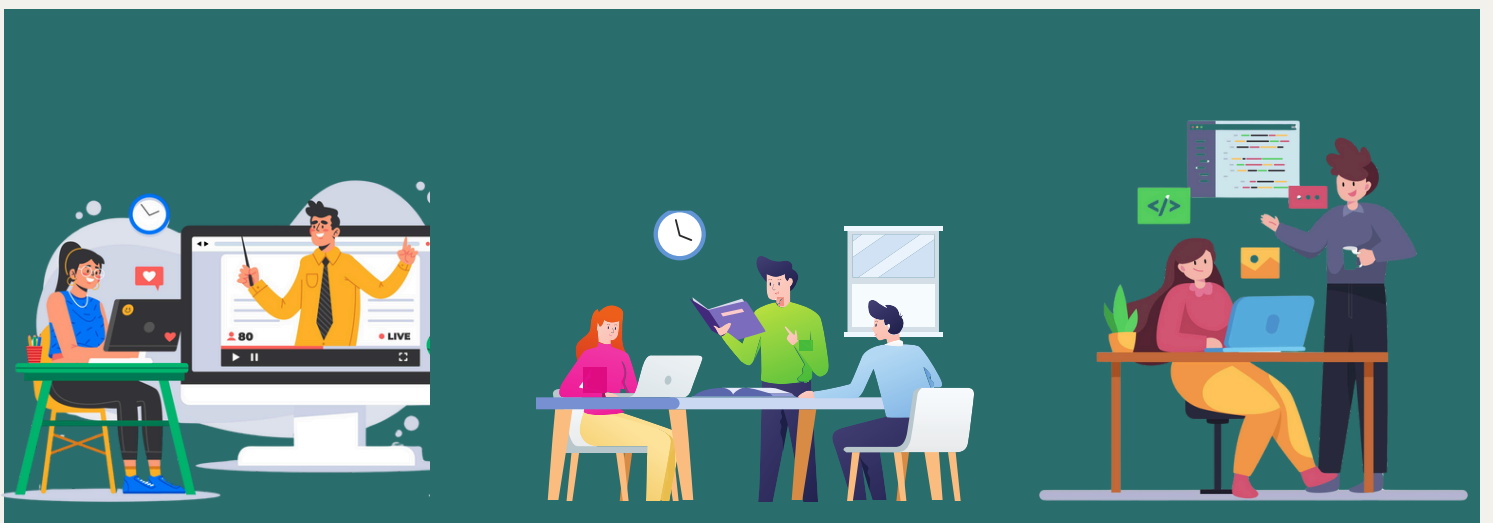
Online Mode   **Offline Mode**   **Hybrid**
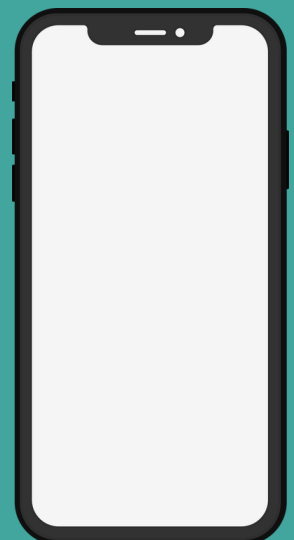
Registration

Enroll Now

Documentation

1. Adhar Card Copy
2. Pan Card Copy
3. Graduation Certificate/ Result
4. Passport Size Photo (2)

Payment

PROGRAM BENEFITS

- Quality Training
- Good Job Offers
- Industry Orientation
- City Centric Infra structure
- 100% Placement Assistance
- Training From Industry Experts
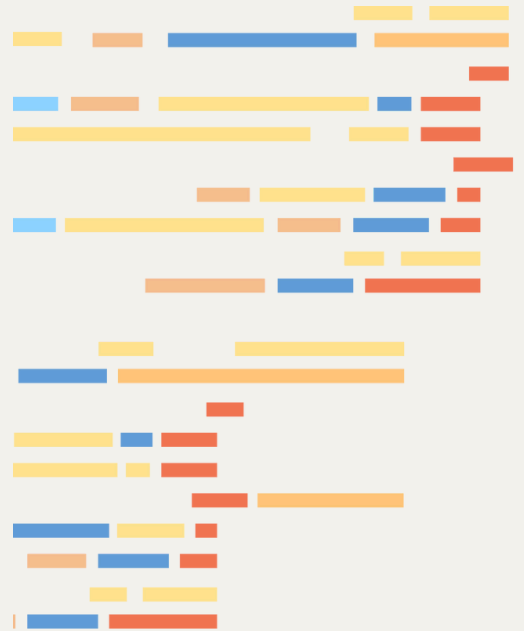- Professional And Personal Growth
- Hands On Experience On Live Projects
- Treated Has A Employee During Internship
- Performs Analysis By Experienced Resources

PROGRAM SYLLABUS

Website Frontend

1. Introduction
2. HTML
3. CSS
4. Java Script
5. Bootstrap
6. Website Templet

Website Backed

1. Introduction
2. PHP & Django
3. Admin Panel Introduction & Implementation
4. Managing Whole Website through Admin Panel
5. Session Management

DataBase

1. Introduction
2. MySql
3. Setup & Connectivity with Website
4. Data Send & Receive from Website

Domain

1. Introduction
2. DNS Management
3. WHOIS
4. ICANN
5. Registration Process
6. Live Demo of Registration
7. Nameserver

PROGRAM SYLLABUS

Hosting

1. **Introduction**
2. **Different Types of Hosting WHOIS**
3. **Registration**
4. **Live Demo of Purchase**
5. **Live Demo of Setup**
6. **Connect Domain to Hosting**
7. **Upload Website & Live on Internet**

Additional

1. **Payment Gateway Integration**
2. **Google Re-Captcha Implementation**
3. **Chat-Bot Integration**
4. **Google Analytics Integration**

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