



Dewsprout Education

OUR COURSES

PYTHON

Introduction to python
How to install python
Python first program
Learn python main function
Variables in python
Learning python strings
Python tuple
Python Dictionary: Beginners
Python operators : complete
Functions in python
If statement
python loops
python class & Objectxs
Python regular expressions
Date , time and datetime
Calendar in python
Reading and writing files
If file or Directory exists
Python copy file
Python rename file
Python ZIP file with example
Accessing internet Data
Manipulating XML with python

JAVA

Java Fundamentals
Data Structure and Algorithms
Object - Oriented Concepts.
Multithreading, concurrency and thread basics.
Java collections Framework.
Date type conversion and fundamentals.
Array.
Garbage Collection.

PHP SYLLABUS

Introduction to web technology
Introduction to CSS
Introduction to JavaScript
Introduction to PHP
Development Concept
Control Structure
Looping Structure
Function

DOT NET CORE

C# .NET
.NET 6 CORE MVC
Razor Coding
Ms SQL
HTML 6
CSS 4
Boot Strap 5/SASS
Java Script ES 7
jQuery
React JS
Regular Expressions
REST Services
SEO Basics
GIT Version control
Web Hosting Techniques
Logical Reasoning

FLUTTER – ANDROID IOS – MOBILE APP

Python 3.10
Django
SQ Lite
My SQL
HTML 6
CSS 4

Bootstrap 5/SASS
Java Script ES 7
jQuery
React JS
Regular Expressions
REST Services

SEO Basics
GIT Version control
Web Hosting Techniques
Logical Reasoning
Live projects with suffix E solutions

IONIC – ANDROID – IOS MOBILE APP

Ionic 5 framework
Cordova / Capacitor
Native API
Angular
App Development Tools
HTML 6

CSS 4
JavaScript ES 7
GIT Version Control
TypeScript
jQuery
REST Services

MERN

Mongo DB
Express JS
React JS
Node JS
Java Script ES 7
MySQL
HTML 6
CSS 4/ Bootstrap 5
Regular Expressions
REST Services
SEO Basics
GIT Version control
Web Hosting Techniques
Logical Reasoning

MEAN

Mongo DB
Express JS
Angular JS
Node JS
JavaScript ES 7
MySQL
HTML 6
CSS 4 / Bootstrap 5
Regular Expressions
REST Services
SEO Basics
GIT Version Control
Web Hosting Techniques
Logical Reasoning

SOFTWARE TESTING ADVANCED

Manual Testing in ISTQB Selenium – Cucumber And TestNG
ISTQB Exam Preparation Jira
SQL Appium Testing
Java / Python Postman REST API
SEO Basics LoadRunner
Selenium (IDE + WEBDRIVER) JMeter

NETWORKING, SERVER AND CLOUD ADMINISTRATION

AWS Architect – Associate MCSE – Server infrastructure
CCNA (200 – 301) RHCE
MS Azure Administrator Computer Hardware

AZURE CLOUD ADMINISTRATOR

Introduction and Starting with Azure Implement and manage storage
Deploy and manage Azure Compute Resources Manage Azure Identities and Government
Configure and manage virtual Networking

DIGITAL MARKETING

HTML 6 Basics SEO Audits- Google Analytics Affiliate Marketing
Digital Marketing Overview SEO Audits- Google Search Console Content Marketing
Advanced Keyword Research SEO Audits- Google Tag Manager Mobile SEO Techniques
Website Planning and structuring Search Engine Marketing E-Commerce SEO
Word Press Website Designing Social Media Marketing BlackHat SEO
Advanced SEO- On page (Technical) off page Google Search Advertising Advanced SEO Techniques

C++ PROGRAMMING

Introduction C++ Pointers and Memory Management
Defining and describing c and other procedure – oriented language Constructor and Destructor
Control Structure, Expressions, and Tokens in C++ Operators overloading and conversion types
C++ Functions Initialization and Assignment
Objects and classes Storage Management

OUR COURSES

C LANGUAGE PROGRAMMING

Introduction to Programming
Types of Programming language
Introduction to C Language
Introduction to IDE
Language Elements
Operators
Control Statements- if and Switch
Looping Structure

Characters Handling
Arrays
Multidimensional Arrays
String Handling
User- defined functions
Storage classes
Pointers
Pointer notation Vs Array

Structure
Unions, Typedef and Enumeration
Pre- processor commands
File Handling
Binary files and Random Access
Command line Arguments
Dynamic Memory Allocation
Linked List

DATA SCIENCE

Introduction to data science
Basic operations in R Programming
Data Handling in R Programming
Introduction to Statistics
Introduction to Statistics 2
Introduction to Probability

Data Visualization Techniques
Introduction to Machine learning
Machine Learning Concepts Terminologies
Regression Techniques
Market Basket Analysis
Time Services Analysis (Forecasting)

Decision Trees using R
K Means clustering
Tableau
Analytics Using Tableau
R integration in Tableau

MACHINE LEARNING

Microsoft excel for data Analysis and data transformation
Data Analysis, Project life cycle and Data Science in the real world
Techniques of evaluation, Experimentation, and project deployment
Analysis segmentation using clustering and the method of prediction
Python with Data science
Machine learning Algorithms
Data science at scale with PySpark , AI with Tensor Flow
Git, Storytelling
Deploying Machine Learning Models on clouds (MLOps)
Data visualization with Tableau
Natural Language Processing and its applications
Data Science Projects, Analytics and Recommender Systems

ETHICAL HACKING

Introduction to Ethical Hacking
Information Gathering
Scanning
System Hacking
Sniffing using Wireshark
Man in the middle attack using the concept of ARP Poisoning
Cryptography

Steganography
Wireless Attacks
Websites Attack
IOT Hacking
DOS And DDOS Attacks
IDS
IPS

MEDICAL CODING

Introduction to Medical Terminology
Anatomy Structure
Medical Ethics

ICD-9- CM Coding Manual
Infections Using ICD - 9- CM

Digestive system Using ICD - 9- CM
Coding for Pregnancy Using ICD -9- CM

ARTIFICIAL INTELLIGENCE

Basics of Deep Learning Techniques
Understanding Artificial neural networks
Training a neural network using the training data
Convolutional neural networks and its applications

Supervised and unsupervised learning methods
Machine Learning using Python
Applications of Deep Learning in image recognition, NLP Etc..
Real- World Projects in Recommender system etc..

HTML

Web Programming introduction
HTML introduction
Basic Formatting Tags
Grouping Using Div Span
Lists

Images
Hyperlink
Table
Iframe
Form

Color Background Cursor
Text Fonts
Lists Tables
Box Model
Display Positioning

Headers
Miscellaneous
CSS2 Introduction
CSS2 Syntax
Selectors

GRAPHICAL DESIGNING

Design Process and Thinking
Typography and Publication Design
Portfolio Making

Introduction to Design For Moving Images
Advertising Design
Advanced illustration Techniques

Sketching And Drawing
Design Internship Presentation
Packaging Design And Printing Technology

CLOUD COMPUTING

Virtualization Concepts
Cloud Fundamentals
Private Cloud Environment

Auto - Provisioning
Cloud as PaaS, SaaS

Cloud Computing Securitisation
Ethics and Standard of Cloud

WEB DESIGNING

Introduction to Web Technologies
Adobe Dreamweaver
CSS 2.1
HTML 5

CSS 3
Responsive Web Design With Bootstrap
Java Script

Jquery and JQuery UI
Adobe Flash
Web Hosting

AWS CLOUD PRACTITIONERS

LINUX Fundamentals
Why Cloud
AWS - An Overview
Understand Identity Access Management of AWS
ES2 Instance

Auto - Scaling
Load Balancing
EBS
Object Storage in Cloud
Cloud Front

Route 53
AWS Security Management
Amazon Virtual Private Cloud
Relational Database Service
NDynamo DB

Monitoring Services
Application Services
AWS Troubleshooting
AWS Architecture and Design
DevOps Fundamentals

PERFORMANCE TESTING A

Introduction PT
Introduction Apache JMeter

GST

GST Levy
GST Time of supply
GST place of supply

INPUT Tax Credit
GST Valuation

GST Returns
GST Registration

EXCEL

Data Analytics
Pivot Tables
Data Lookup
Logical Statements

Working with Dates
Data Cleaning
What if Analysis
Essential Short cuts

SAAP

Billing
Management of SAP (Saas) solutions
Business process and scenarios
Commodity Management

Data Warehouses
Inventory and delivery processes
Database Management

WEB
DEVELOPMENT



dewSprout Education

The More You Know The More You Grow

- ✓ International Certification
- ✓ Offline/Online Classes
- ✓ Placement Support
- ✓ Live Project Classes
- ✓ Interview Preparation
- ✓ Internships
- ✓ Project works

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