Data Science with Python

Course Details
About the Course: In this course, the participants will learn everything from data cleaning, data analysis, data visualization, capturing & gathering data from various sources, building ML (Machine Learning) Predictive Models,clustering or grouping related data and building deep neural network models for NLP (natural Language processing) using Python & its libraries.
About the Trainers: A Team of Trainers with 30+ years of overall combined industry experience. Currently working on data science projects and conducting training.
What is the prerequisite? Basic computer knowledge, passion to work with data to solve problems.

Duration: 90 Hours	**Fee**: 30,000

Options to Complete the Course in different tracks.

Track	Duration	Class Time	Days
Regular	3 months	90 minutes	mon-fri
Weekend	3 months	4 hours class	sat-sun

Languages, Tools & Libraries covered in the course!

Content@glance

Data Science ...

	Introduction	About the Course, Importance of Data, Data vs big data, How big data analytics is helping organizations? Data Analyst vs Data Scientist vs Data Engineer, Role & responsibilities.
	Python Core	Introduction, Programming fundamentals, data structures, functions, file management, exception handling, OOP (Object Oriented Programming), working with Databases, Web Scraping, Regular expression/ Regex for textual data
	Python for Data Analysis	Numpy, pandas, matplotlib, seaborn
	ML (Machine Learning)	ML algorithm for Building Models with features engineering Using python sklearn library
	Artificial Neural Network / Deep Learning	Building AI Models on unstructured data (images, audio,text), NLP (Natural Language Processing) using Tensorflow & Keras libraries
	CRISP-dm methodology	Using CRISP-dm (Cross industry Standard Process for data mining) to Execute data science projects successfully.
	Version Control System	Git & github
	Certification	Preparation for DS Certificate, Career Guidance, Resume Building, Mock Interviews
	Capstone Project	

FAQ

Why Python for Data Science?

- Python is one of the easiest languages to learn coding.

1. Scalability

Python is a programming language that scales very fast. Among all available languages, Python is a leader in scaling. That means that Python has more and more possibilities.

2. Libraries and Frameworks

Due to its popularity, Python has hundreds of different libraries and frameworks which is a great addition to your development process. They save a lot of manual time and can easily replace the whole solution.

As a Data Scientist, you will find that many of these libraries will be focused on Data Analytics and Machine Learning. Also, there is a huge support for Big Data.

3. Huge Community

Python has a powerful community.

4. Jobs and Growth

Python is a unique language that has powerful growth and opens multiple career opportunities for Data Scientists.

Data Science …

- Python is a base for any Data Scientist.