

Data Analysis Courses with Python in Gurgaon

Learn to do Data Analysis with Python - Courses available are Basic Python, Intermediate Python and Advanced Python

Starting with the basics, learn how to install Python, working with command line, shell, IDLE. Learn about variables, how to obtain user input, how to correct errors, performing operations, doing arithmetic, assigning and comparing values.

How to write statements, data types, creating and manipulating lists, dictionaries, tuples, sets, how to loop over items, importing modules, writing functions, interrogating the system, generating random numbers, matching patterns

Managing and manipulating strings, how to access, read and write files, programming objects and encapsulating data, inheriting features and harnessing polymorphism, processing requests, sending responses, submitting forms with text areas, check boxes, radio buttons and options selection.

How to upload files, how to build interfaces, launching windows, responding to buttons, displaying messages and adding images, developing applications, planning the program, designing the interface and deploying the application

Automation with Python: How to read the contents of text files and save information to files on your hard drive, how to copy, move, rename, and delete large numbers of files and compressing and decompressing files

Web scraping, screen scraping and data extraction with Python - How to write programs to automatically download web pages / web sites and parsing them for required information

Manipulating Excel spreadsheets with Python, reading Word and PDF

documents in Python, manipulating documents with CSV and JSON files.

How to manipulate strings and search for text patterns with regular expressions, how to schedule your computer to perform repetitive tasks at your chosen times, how to launch non-Python programs in Python.

How to write programs to send emails and text messages automatically, how to programmatically work with JPEG or PNG image files, how to write a program to control the mouse and keyboard for automating clicks and key presses.

Data Mining with Python - What is Data Mining, what is Big Data, installing essential Python libraries for numerical, scientific & Big Data Applications, How to do Data Visualization, Learning Data Analysis.

Learn about some structures to make data mining experimentation easier to perform, algorithms for Decision Trees and Random Forests, recommendations using Affinity Analysis, recommending products with Apriori algorithm, how to work with different datasets.

Social media insights with Naive Bayes, automatically parsing information from the social media website - Twitter, applying cluster and network analysis to find who to follow on social media.

Extracting information from images and work with neural networks to find words and letters in the images. Authorship attribution, by extracting text-based features and using support vector machines. Clustering news articles by using the k-means algorithm to group together related news articles according to their content.

Working with Big Data, workflows for applying algorithms to big data and how to get insights from it.

Act and Call/SMS/Email Now!

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