



Automation Using Python

Description

The workshop covers the domain of automation via dealing with the data available online through websites which involves analysing websites for required data and writing scripts to automate the extraction of data for our use on one click which can serve as a preliminary data source for Deep learning and Machine Learning programs and also a great source for data visualization.

Also not only automating the data extraction process but also adding other tasks to our scripts which would automate those, resulting other functional uses of the data gathered

Who this workshop is for:

- Anyone that want to learn Data Extraction-Automation using Python

What you'll learn

- Explanation and Working of Scraping/automating Libraries
- Data extraction from sites
- A mini project in automation

Basic outline of the workshop

- An introduction to data and its importance
- Introduction to scraping and automation
- Legal ways of Scraping
- VPN
- Exploring Beautiful Soup
- Implementation on sites
- Exploring Selenium
- Implementation
- Visualization of extracted data
- Automation mini project