

Introduction to Python Using Zeppelin

COURSE OVERVIEW:

This training will instruct the student in the Python programming language to enable the authoring and execution of simple to highly complex Python applications with two and three-dimensional visualization. Apache Zeppelin will be used as the IDE for programming environment.

This course will introduce advanced features of Python: objects, inheritance, generators and importing and using module libraries (packages) such as Pandas, SciPy and Matplotlib.

Anticipate lecture, examples of real use cases and hands-on programming, the Python language syntax and usage.

50% Lecture and 50% Hands-on Labs

WHO WILL BENEFIT FROM THIS COURSE?

Individuals desiring to understand and use the Python programming language with the Apache Software Foundation IDE, Zeppelin.

PREREQUISITES:

Students must have experience working in a browser-based environment. Basic knowledge of a scripting or an object-oriented programming language is recommended, but not a requirement.

COURSE OUTLINE:

- Day 1: Fundamental Machine Learning and Classification
- Day 2: Training Models and Support Vector Machines
- Day 3: Decision Trees and Ensemble learning and Random Forests
- Day 4: Dimensionality Reduction

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience