

Getting Started with Anaconda Enterprise Edition

In this course you'll learn how to develop a data science workflow with Anaconda Enterprise Edition. You'll learn how to create a project and maintain the package dependencies. You'll practice developing Jupyter notebooks, connecting to secure data sources, and constructing visualizations. You'll learn how Anaconda Enterprise Edition enables collaboration across your team and how to deploy microservices such as REST APIs and dashboards.

Preparation

Students will connect to an Anaconda Enterprise Edition instance maintained by the Anaconda Training department.

You will need:

- [Chrome](#) browser
- Access to the following ports on training.anaconda.com and amazonaws.com domains:
 - 80
 - 443
- The hostname of the cloud instance where Anaconda Enterprise has been installed will be provided at the start of the course.

This course is meant for all levels of Python and Data Science backgrounds. However, familiarity with the following topics is very useful to assure a requisite background preparation.

- Python Syntax: numbers, strings, if-else, functions, loops, lists, dictionaries
- Pandas Data Analysis Library or NumPy
- Matplotlib or other leading visualization tools
- Scikit-Learn
- Database packages: SQLAlchemy, PyODBC, etc.
- PySpark

Curriculum

Duration: 4 hours

- Introduction
- AEE Platform overview
- Projects, deployments, and channels
- Create a new project
- Editor sessions
- Project collaboration and resolving conflicts
- Anaconda-Project package management
- Creating deployments
- Defining commands for notebooks, dashboards, and REST APIs
- Managing and sharing deployments
- Deploying scheduled tasks
- Credential storage
- Big Data: execute PySpark with Sparkmagic and Livy (optional)

