

Visualization and Dashboards

In this course you'll learn how Anaconda Enterprise provides data scientists with unique abilities to create dashboards with as little as two lines of Python code. You'll deploy the dashboards with one click and share them with your colleagues. This course covers advanced data visualization capabilities of Holoviews and Datashader.

Morning Session

- Interactive plotting in Jupyter Notebook with Holoviews
- Working with datasets and tabular data
- Plotting with large datasets
- Plotting with streaming data

Afternoon Session

- Defining custom interactivity
- Deploying Jupyter Notebook-based dashboards
- Deploying script-based dashboards
- Sharing deployed dashboards

Preparation Requirements

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

This is an Intermediate to Advanced Data Science course and requires that students have taken the [Getting Started with Anaconda Enterprise](#) course. Further, students are expected to be proficient in the following topics

- **Data ingest from databases, Spark/HIVE, and other sources**
 - [Introduction to Databases in Python](#)
 - [Importing Data in Python \(Part 1\)](#)
 - [Importing Data in Python \(Part 2\)](#)
 - [Introduction to PySpark](#)
- **Data wrangling with NumPy and Pandas**
 - [pandas Foundations](#)
 - [Manipulating DataFrames with pandas](#)
 - [Merging DataFrames with pandas](#)
 - [Familiarity with Dask is recommended](#)
- **Simple modeling tasks with Scikit-Learn**
 - [Supervised Learning with scikit-learn](#)

The following DataCamp courses provide relevant information, but are not required for this course.

- [Introduction to Data Visualization with Python](#)
- [Network Analysis in Python \(Part 1\)](#)
- [Interactive Data Visualization with Bokeh](#)