

## Introduction to SAS<sup>®</sup> for Statisticians

**Course Length:** 2 days **CEUs** 1.2

**Format:** Hands on Training

### AUDIENCE

Statisticians who want to learn how to use SAS software.

### BENEFITS

The course introduces SAS software to Statisticians, allowing attendees to use the SAS workspace, import data and store their SAS datasets for further analysis. The course teaches how to run statistical procedures on SAS datasets and forms the first part of a two part series for Statisticians.

**PREREQUISITES :** A basic understanding of Statistics.

### COURSE TOPICS

- Introduction to the SAS System
- The SAS System Walkthrough and How to use the SAS System
- Operating System Differences
- Uses of the SAS System
- Products in the SAS System
- The SAS System Workspace
- Developing a Program
- The User Interface and Saving your Work
- Importing Data into the SAS System
- Using a Data Step Program
- Using Libnames
- The SAS Data Set Header
- Validity of Data
- Statistical Techniques
- Distributions and Sampling
- Descriptive Statistics
- Proc Summary
- Data from Other Packages
- Using SAS/INSIGHT
- Working with existing Data Sets
- Hypothesis Testing
- Tests Concerning Means
- Tests for Paired Observations
- Correlation
- Regression
- Multivariate Regression