

SAS(R) Academy for Data Science: Data Science

Code:	SADS3
Length:	0 days
URL:	View Online

This SAS Academy for Data Science package includes both levels of the academy:

- SAS Certified Big Data Professional (Level 1)
- SAS Certified Advanced Analytics Professional (Level 2)

In the Big Data Professional level, students learn critical SAS programming skills, introductory statistics, data quality techniques, and essential communication skills. Students also learn how to manage and manipulate data, explore data visually, and work with SAS, Hadoop, and Hive. In the Advanced Analytics Professional level, students learn a variety of machine learning and predictive modeling techniques as well as how to apply the techniques to big distributed and in-memory data sets. Students also learn about experimentation in business, optimization, and time series forecasting.

The coursework, hands-on practice, and projects help prepare students for the two exams needed to become a SAS Certified Big Data Professional and the three exams needed to become a SAS Certified Advanced Analytics Professional. Students who earn both credentials also earn the SAS Certified Data Scientist credential. Exams are included in the Academy package.

Skills Gained

- recognize and overcome big data challenges
- implement critical SAS programming techniques
- access, transform, and manipulate data
- improve data quality for reporting and analytics
- apply fundamental statistical techniques
- work with SAS, Hadoop, and Hive
- explore and visualize your data
- apply machine learning and predictive modeling techniques to big distributed and in-memory data sets
- detect patterns in your data
- set up and run business experiments
- optimize your data
- use time-series forecasting techniques
- effectively communicate results and recommendations to executive-level management.

Who Can Benefit

- Business analysts, programmers, or statisticians with at least six months of experience writing programs in SAS or in another programming language

Prerequisites

- It is recommended that you have at least six months of experience writing SAS programs or using another programming language. The coursework builds on the concepts presented in the SAS(R) Programming I: Essentials course, which is available as an instructor-led or free online e-learning course.

Course Details

The comprehensive curriculum includes the following courses:

- &dibdad
- &psm
- &yvae
- &stat1
- &pdar
- &hdess
- &ds2h
- &dihps
- &sthags
- &didl4h
- &aaem
- &dmnn
- &bcomtf
- &pmlr
- &mldmbd
- &mppr
- &dmtm
- &stsm
- &xds
- &opcon

Schedule (as of 3)

Date

Location
