

SAS® Viya® and R Integration for Machine Learning

Code:	ROSI34
Length:	1 days
URL:	View Online

In this course, you learn to use the R API to take control of SAS Cloud Analytic Services (CAS) actions from Jupyter Notebook. You learn to upload data into the in-memory distributed environment, analyze data, and create predictive models in CAS using familiar R functionality via the SWAT (SAS Wrapper for Analytics Transfer) package. You then learn to download results to the client and use native R syntax to compare models.

Who Can Benefit

- R users who want to take advantage of SAS Viya distributed analytics for fast and efficient modeling

Prerequisites

- Before taking this course, you should have experience writing R programs for data analytics. There are no SAS prerequisites.

Course Details

SAS Viya and Open Source Integration

- SAS Viya and Cloud Analytic Services (CAS).
- Open source development interfaces.
- Scripting Wrapper for Analytics Transfer (SWAT).
- Fundamentals of the R and Python APIs.

Machine Learning

- Predictive modeling.
- Predictive models.
- Model assessment.

Schedule (as of 4)

Date	Location	
Sep 23, 2020 – Sep 23, 2020	Virtual	Enroll
Sep 23, 2020 – Sep 23, 2020	San Francisco	Enroll
Dec 4, 2020 – Dec 4, 2020	Virtual	Enroll

Dec 4, 2020 – Dec 4, 2020	Arlington	Enroll
Jan 21, 2021 – Jan 22, 2021	Virtual	Enroll
Jul 8, 2021 – Jul 9, 2021	Virtual	Enroll
Sep 22, 2021 – Sep 22, 2021	Virtual	Enroll
Dec 3, 2021 – Dec 3, 2021	Virtual	Enroll

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