

SAS® Visual Analytics 1 for SAS® Viya: Basics

Course Description

This course provides an introduction to data discovery and report creation in SAS Visual Analytics.

Learn how to

Use SAS Visual Analytics for SAS Viya to:

- Get started building reports using SAS Visual Analytics.
- View reports using SAS Visual Analytics and other supported applications.
- Access data loaded into CAS and navigate the SAS Visual Analytics interface.
- Manage and create data items, work with multiple data sources, and sort, filter, and rank data.
- Explore data using objects.
- Create reports using objects.
- Analyze geographic data using geo maps.
- Enhance reports with display rules.
- Design interactive reports by modifying viewer capabilities and by adding prompts, actions, and links.
- Discover best practice recommendations for report design using SAS Visual Analytics.

Course Prerequisites

No SAS experience or programming experience is required, although you should have some computer experience. Specifically, you should be able to:

- Log on and off a computer and use a keyboard or mouse.
- Use a web browser to access information.

Who Should Attend?

Business analysts who need an introduction to the functionality provided by SAS Visual Analytics.

Course Outline

Getting started with SAS Visual Analytics

- Automatic charts
- Suggested objects
- Page templates
- Overview of SAS Viya, CAS (Cloud Analytic Services), and SAS Visual Analytics

Viewing Reports

- Web browser
- Progressive web application
- Mobile application
- SAS for Microsoft 365

Using the SAS Visual Analytics Interface

- Anatomy of the SAS Visual Analytics Interface

Refining Data for Effective Reports

- Working with objects
- Tables
- Descriptive charts
- Relationship plots
- Time plots

Working with Report Objects

- Object templates
- Bar chart objects
- Dual axis charts
- Part-to-whole charts
- KPI charts
- Time variant charts
- Containers
- Content objects

Working with Geographic Data and Objects

- Geography data items
- Geo maps
- Working with geo maps

Working with Display Rules

- Working with Display Rules

Designing Interactive Reports

- Viewer capabilities
- Working with multiple pages
- Prompts
- Actions
- Links

Best Practices for Designing Reports

- Draft a Plan
- Choose the Best Chart Focus on What's Important
- Consider the Layout
- Test, Test, and Test Again

Course Duration

2 days

SAS Products Covered

SAS Visual Analytics; SAS Viya

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