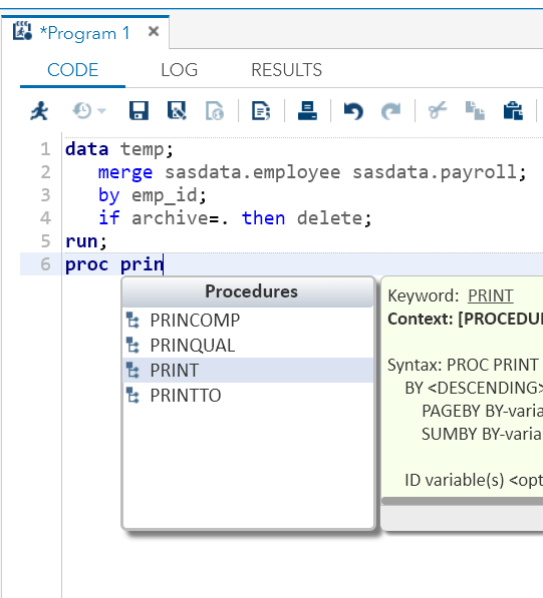# SAS® Studio

Access SAS® software at any time, from anywhere – and on any device.

What does SAS® Studio do?

It's a web browser-based interface for SAS programmers that also suits the needs of novice users by providing an assistive framework. SAS Studio lets you work with the same SAS server from your desk, your laptop at home or wherever you have a browser and a connection.

Why is SAS® Studio important?

The SAS Studio interface is consistent – regardless of whether SAS is running on a server, your desktop or the cloud. You continue to use one environment, even as your IT infrastructure changes. Addressing the needs of expert SAS programmers and novice users alike, SAS Studio is accessed simply from a web browser.

For whom is SAS® Studio designed?

SAS Studio is for expert SAS programmers, who can code with nothing in their way. It's also for new coders and those who just need a bit of help.

With SAS Studio, you're no longer tied to a desk to do your most important work. You can write and run SAS code on any device from a web browser, which means your productivity isn't compromised when you're away from the office. The technology is consistent, it's readily available – and it helps you be efficient - – even in changing analytics environments.

SAS Studio provides an intuitive interface to help you access your programs, data files and libraries wherever – and whenever – you need them. Once you're familiar with SAS Studio, you'll be able to use it throughout your career. Consider it a solid investment for your future.

Benefits

- **Choose how you want to use it.** SAS Studio is more than just an editor. It's familiar to SAS programmers who just want to write code – no point and click required to start writing in SAS. Not familiar with SAS code? SAS Studio includes visual point-and-click tasks that generate code – so you don't have to. Just need a little help? SAS Studio comes with code snippet libraries for frequently used operations, as well as interactive assistance for defining code that works.
- **Run SAS from anywhere, on any device.** SAS Studio is all about convenience and mobility. You can access your files and do all your SAS coding through the browser on your laptop. It's as seamless as it would be if you were in your office.

- **Learn it once, use it forever.** Because SAS Studio is the same interface used by SAS University Edition it makes it easy to continue in this familiar environment as you progress in your SAS career. SAS Studio is foundational to the SAS Platform. Its intuitive user interface makes it a favorite among students and professionals alike.

Product Overview

SAS Studio puts your files and programs right at your fingertips, making it easy to write and submit SAS code. Simply open a web browser and click to the SAS Studio URL defined in your SAS environment. No installation is necessary and you are up and running in one click. Whether you are an experienced SAS programmer or novice, SAS Studio can meet your needs.
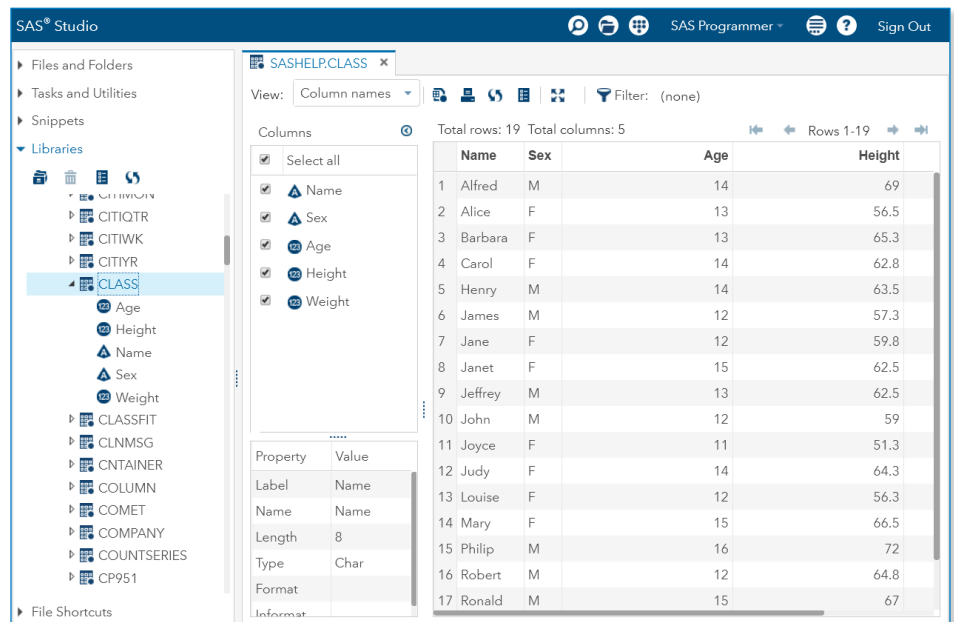
For the SAS® programmer

From a coding editor, start writing SAS code. Easily navigate between your code, logs, libraries and results, generating insights – circumventing any assisted programming. And with syntax help from pop-up, autocomplete capabilities, you won't forget all the parameters of a specific SAS procedures.
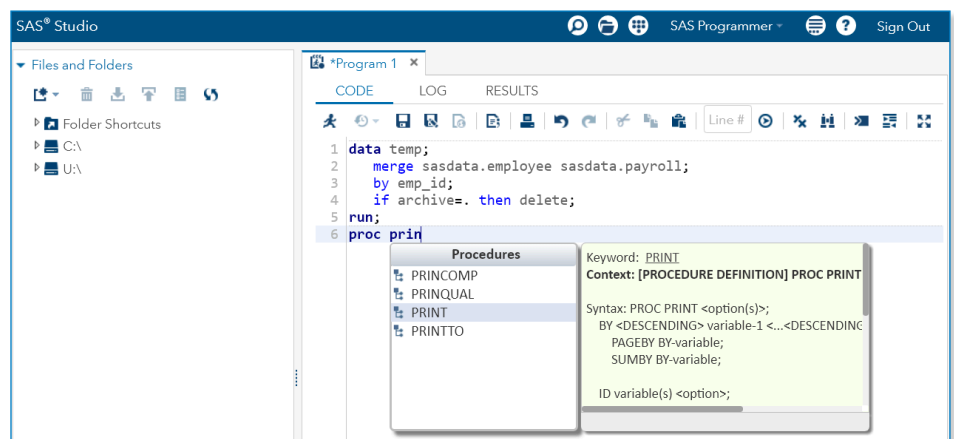
For the SAS® novice

Have a preference for generating insights as a process flow? Familiar with SAS® Enterprise Guide®? SAS Studio allows you to visualize your program as a process flow. Not interested or need help writing SAS code? SAS Studio provides a range of tools, including interactive feedback and prompts, assisted programming and interactive tasks that automatically generate code so you can see how SAS code is built.
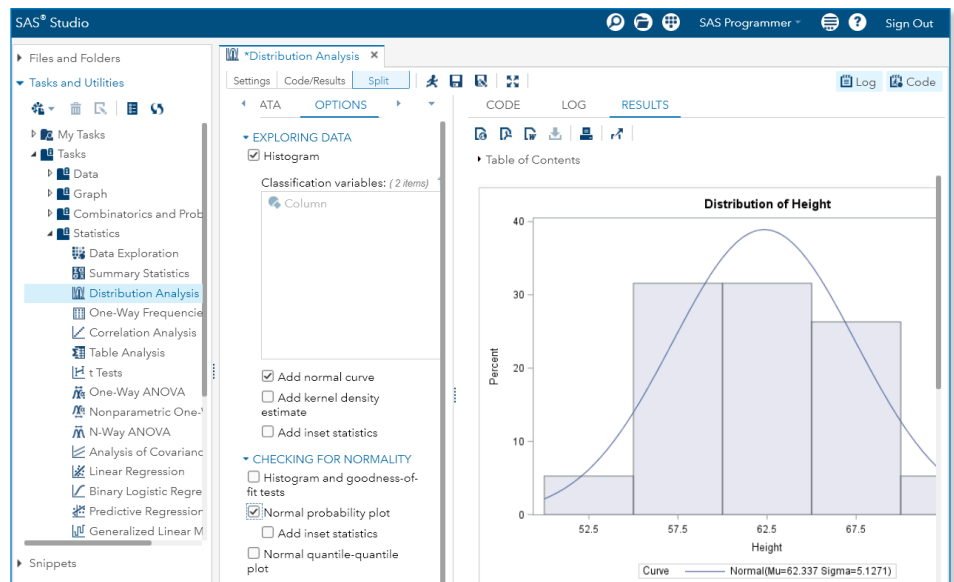
For IT and administrators

Users don't need to have an SAS installed locally – so maintenance is centralized. After installing SAS, you simply provide your SAS users with the URL to SAS Studio. As your infrastructure changes, your SAS users are protected from having to learn another interface. The SAS Studio interface is the same, regardless of where SAS is deployed.

With the table viewer, you can interactively sort, filter and perform other actions on data.

Pop-up tips and an autocomplete feature help you code faster.

Tasks help you build code and results.

SAS Studio takes advantage of the SAS®9 engine, part of the SAS Platform. Many SAS procedures have been enhanced so code launched from SAS 9 can run in SAS Viya™, the SAS Platform's new distributed, in-memory engine. For more information, visit sas.com/platform. To learn more about SAS Studio, download white papers, view screenshots and see other related material, please visit: sas.com/studio.

Key Features
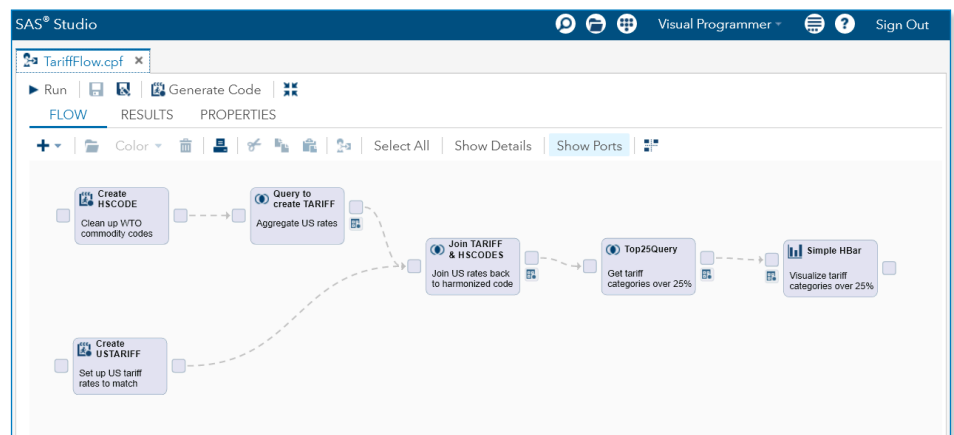
An integrated development environment
- Autocomplete, syntax help, color coding, keyword shortcuts and other features for more efficient programming.
- Ability to easily access programs, data files, tables and libraries from one interface.
- Results are returned to SAS Studio in your browser and are easily exported to other common formats like PDFs.
- The table viewer allows you to open a table and explore its properties and columns, and then sort, filter and perform other interactive actions on the data. SQL code generated behind the scenes can be viewed and modified.
- Code snippet libraries prompt code for jobs that are performed frequently, helping to speed development and promote consistent coding practices.
- The SAS Studio interface layout can be customized. Your personal view is remembered and available the next time you log in.

Flexible task framework
- From side-by-side views within the same screen, you can answer prompts and watch the code being generated.
- Users can copy existing tasks and modify them or create their own, customizing their interface to their specific needs.
- Tasks can be easily created and shared with others without requiring coding in Java, JavaScript or ActionScript.
- An extensive library of prebuilt tasks comes with SAS Studio.

Other key features
- The SAS server can be a hosted server in a cloud, in your data center, or on your laptop with no changes to the SAS Studio interface.
- Conforms to your file management strategy with centralized authorizations and access.
- SAS code and customized interfaces built by end-usersusers are portable as your SAS server infrastructure changes.

With SAS Studio, you can visualize your programs as a process flow.

To contact your local SAS office, please visit: sas.com/offices

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