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SAS Enterprise Guide: 8.x (What's new!)

Ajay Gupta

- SAS Enterprise Guide is a powerful Microsoft Windows client application that provides a guided mechanism to exploit the power of SAS and publish dynamic results throughout your organization.
- SAS Enterprise Guide 8.3 was released in August 2020. It is more inline with SAS Studio now.
- This release of SAS Enterprise Guide upgrades the software to use the latest version of the .NET Framework and VC++ and includes hot fixes and security patches.
- Starting in November 2021, SAS Enterprise Guide is supported on Microsoft Windows 11 - Pro and Enterprise.

SAS Enterprise Guide 8.x has been redesigned to include a modern and flexible user interface with tab-based organization of content and flexible window management. With this release of SAS Enterprise Guide, you can find the following new functionality:

Updated User Interface:

The updated SAS Enterprise Guide user interface provides a more flexible space in which to write programs, build process flows, as well as access and browse your files and project. The navigation area includes the panes that you expect to see such as Project, Tasks, Servers, SAS Folders, and the Prompt Manager. There is also a new Open Items pane that enables you to view a list of all your currently open items.

In addition, you have many options for rearranging your tabs and panes in SAS Enterprise Guide. A layout guide icon appears as you drag a pane or tab to help you see where you can dock it. For more information, see [About the Navigation Area](#).

New Start Page:

By default, a Start Page tab opens in the work area and provides quick access to a few basic tasks (for example, creating a program or project), a list of your recently viewed items, and links to learning resources. For more information, see [About the Work Area](#).

Optional Projects:

SAS Enterprise Guide no longer requires you to use a project to manage all of your data, tasks, programs, and results. You can still use projects, if you like, or you can use SAS Enterprise Guide as a tool to open and work on individual files. For more information, see [Am I Required to Use a Project?](#).

New Appearance Themes:

SAS Enterprise Guide 8.1 enables you to choose between a light theme (Illuminate) and a dark theme (Ignite). SAS Enterprise Guide also honors the Windows High Contrast themes. For more information, see [Setting General Options](#).

Running Multiple Items without Locking the User Interface:

You can now run multiple items at the same time, and you can continue to work in SAS Enterprise Guide while other programs are running. You can use the Submission Status pane to manage all of your submitted programs, tasks, and stored processes. For more information, see [Using the Submission Status Pane](#).

Access to Recent Items and recent Locations:

The Open and Save windows now include a list of recently opened items, and you can quickly reopen any of these items with a single click. You can also pin items to ensure that they always appear at the top of the list.

Option to Unlock Open Data:

Data sets are no longer locked when they are open and idle. You can use the **Unlock open data after inactivity** option to specify how long SAS Enterprise Guide waits before releasing the lock on an open idle data set. For more information, see [Setting Data Performance Options](#).

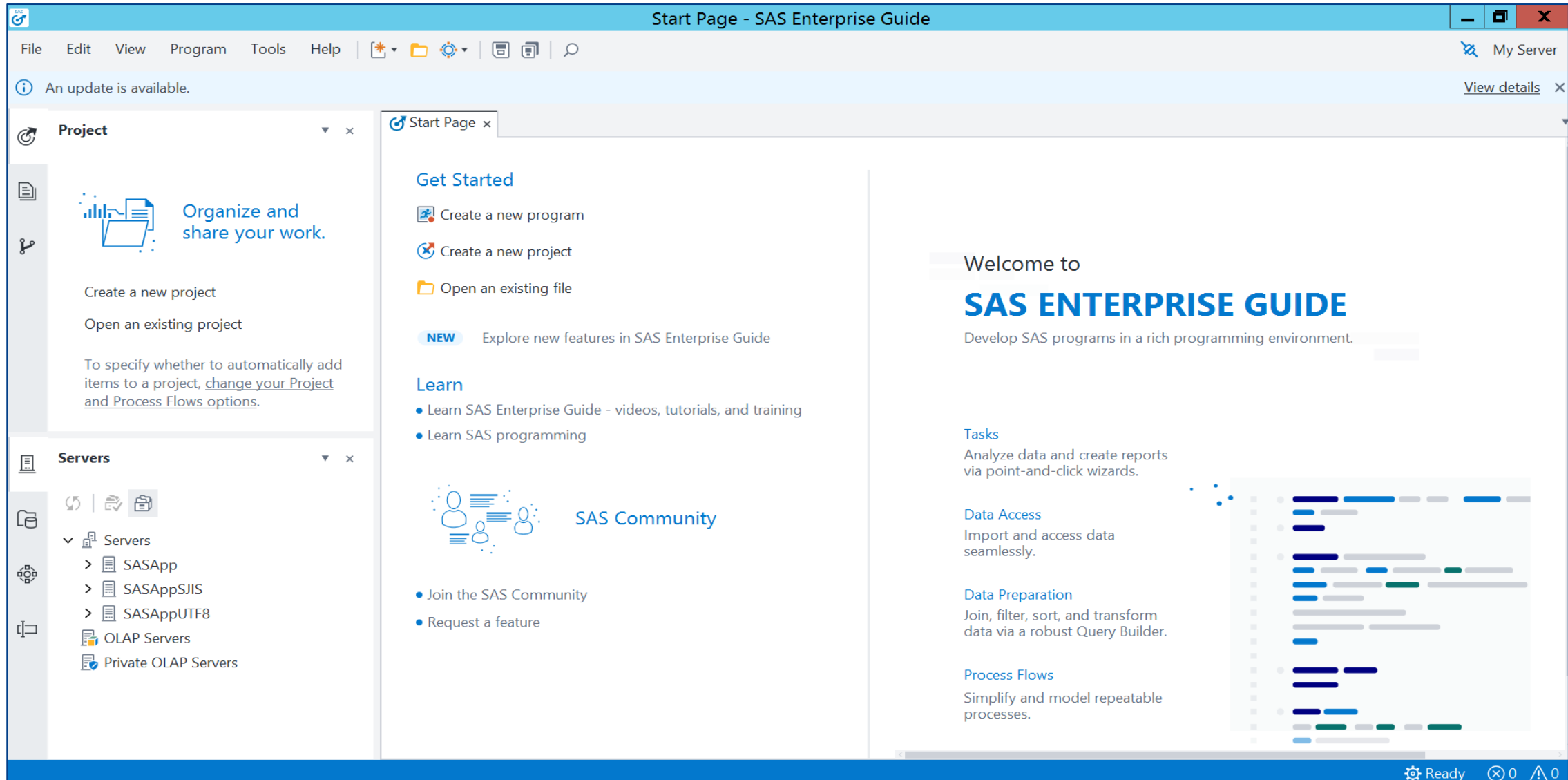
Ability to Manage Keyboard Shortcuts.

You can customize the keyboard shortcuts for some commands. For more information, see [Managing Keyboard Shortcuts](#).

General Enhancements:

- By default, when you rerun a task, the results from the previous run are automatically replaced. In previous releases, you were prompted to replace existing results.
- To specify the default tab to display when generating results, use the **Default tab to display** option. For more information, see [Setting General Results Options](#).
- By default, results appear in HTML format. The default style for SAS Report format is now HTML Blue.
- If you are connected to a SAS 9.4M5 (or later) server, log streaming is supported. For more information, see the **Stream log updates while a procedure is running** option in [Setting General Results Options](#).

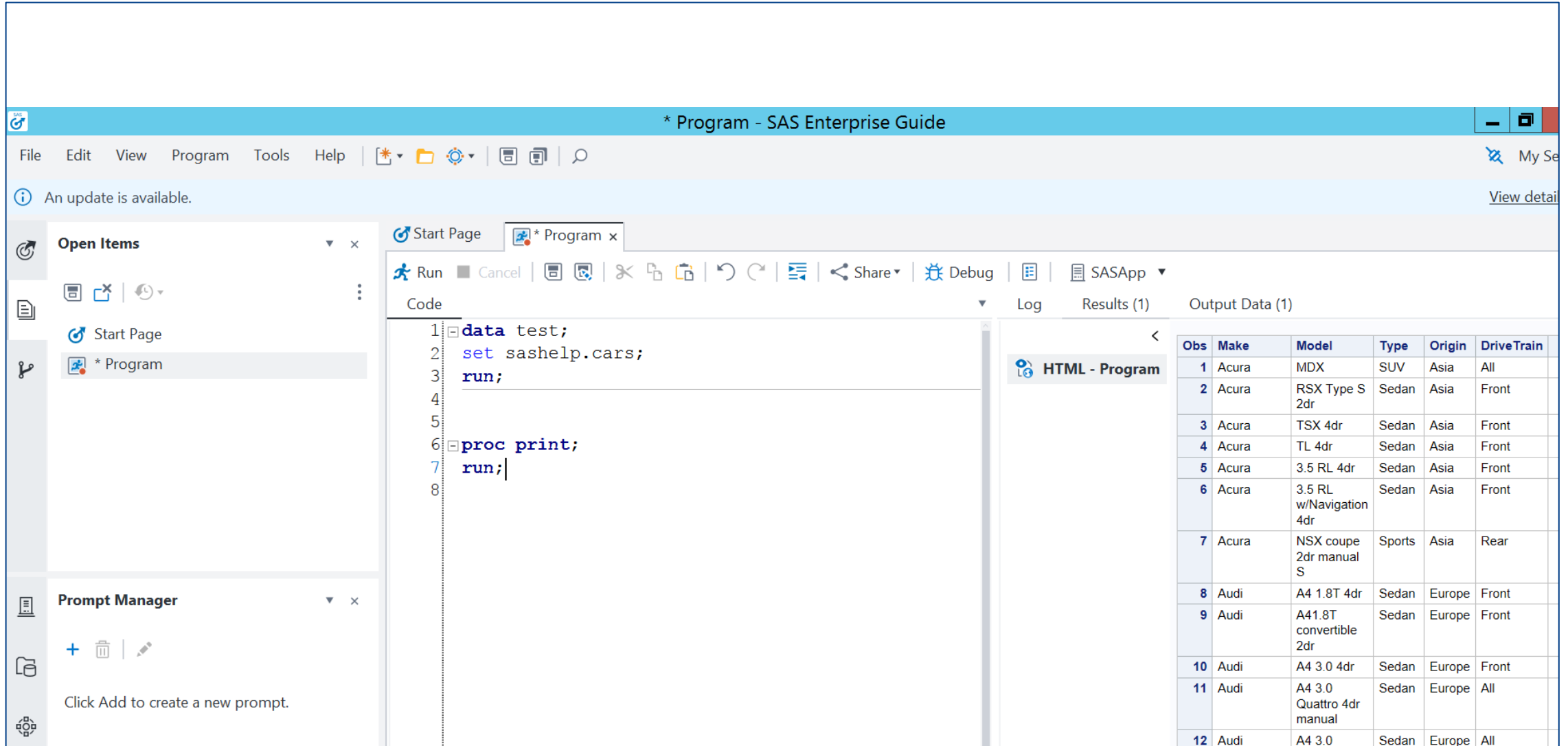
Enterprise Guide 8.3 Front End



The screenshot shows the SAS Enterprise Guide Start Page. The window title is "Start Page - SAS Enterprise Guide". The menu bar includes File, Edit, View, Program, Tools, and Help. A notification bar at the top indicates "An update is available." The main content area is divided into several sections:

- Project:** Contains a "Project" tab with a "Start Page" sub-tab. It features a "Project" icon and the text "Organize and share your work." Below this are options to "Create a new project" and "Open an existing project". A note states: "To specify whether to automatically add items to a project, [change your Project and Process Flows options](#)."
- Get Started:** Includes three main actions: "Create a new program", "Create a new project", and "Open an existing file". A "NEW" badge highlights the option to "Explore new features in SAS Enterprise Guide".
- Learn:** Lists resources: "Learn SAS Enterprise Guide - videos, tutorials, and training" and "Learn SAS programming".
- SAS Community:** Features a "SAS Community" icon and two actions: "Join the SAS Community" and "Request a feature".
- Right Panel:** A large section titled "Welcome to SAS ENTERPRISE GUIDE" with the subtitle "Develop SAS programs in a rich programming environment." It lists several capabilities:
 - Tasks:** "Analyze data and create reports via point-and-click wizards."
 - Data Access:** "Import and access data seamlessly."
 - Data Preparation:** "Join, filter, sort, and transform data via a robust Query Builder."
 - Process Flows:** "Simplify and model repeatable processes."

The bottom status bar shows "Ready" and "0" errors.

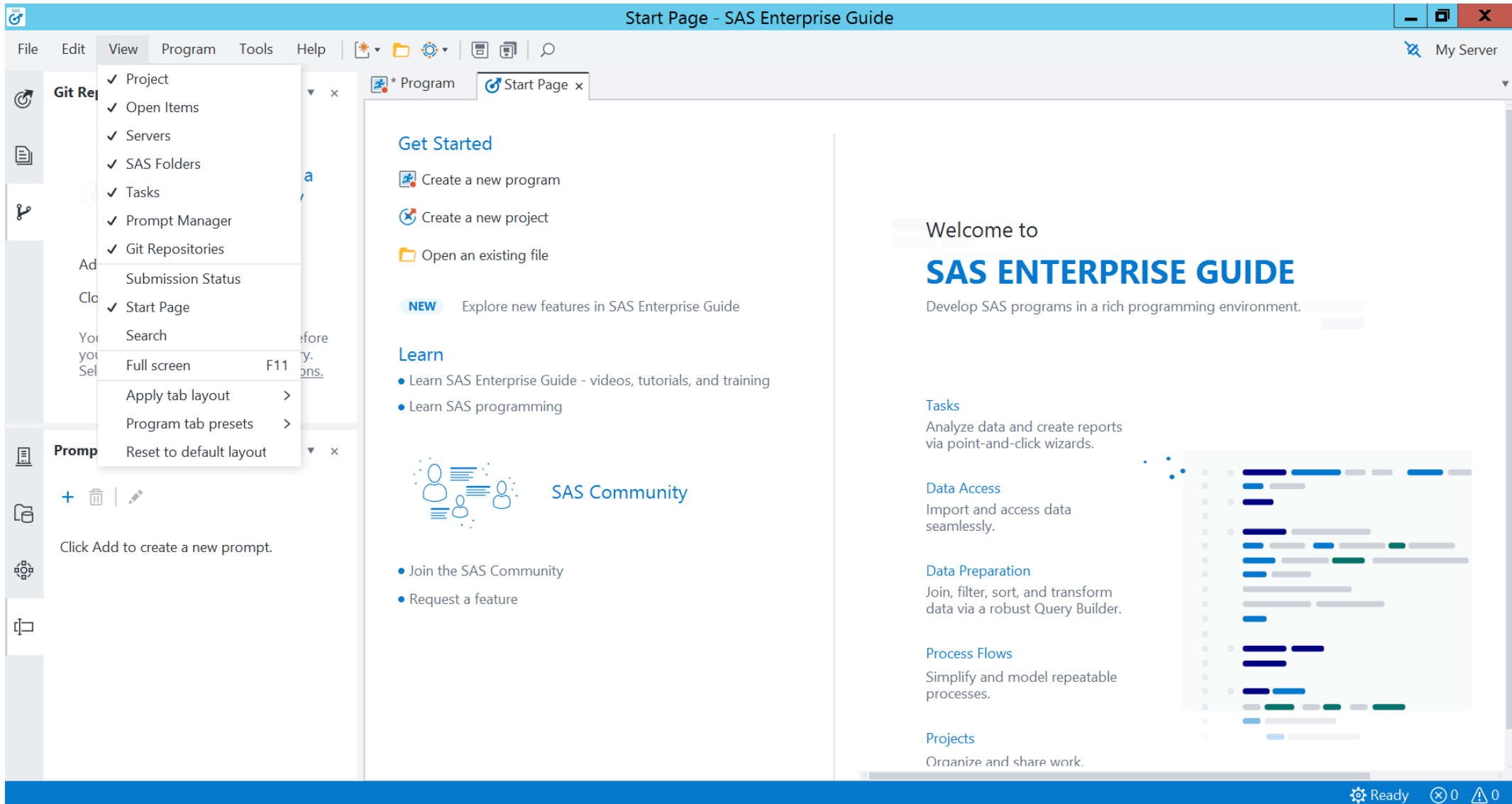


The screenshot displays the SAS Enterprise Guide interface. The title bar reads "* Program - SAS Enterprise Guide". The menu bar includes File, Edit, View, Program, Tools, and Help. A notification banner at the top states "An update is available." The left sidebar contains "Open Items" (Start Page, * Program) and "Prompt Manager" (Click Add to create a new prompt.). The main workspace is divided into three panes: Code, Log, and Results (1). The Code pane contains the following SAS program:

```
1 data test;  
2 set sashelp.cars;  
3 run;  
4  
5  
6 proc print;  
7 run;  
8
```

The Results (1) pane displays the output of the program as a table with 12 rows and 6 columns: Obs, Make, Model, Type, Origin, and DriveTrain.

Obs	Make	Model	Type	Origin	DriveTrain
1	Acura	MDX	SUV	Asia	All
2	Acura	RSX Type S 2dr	Sedan	Asia	Front
3	Acura	TSX 4dr	Sedan	Asia	Front
4	Acura	TL 4dr	Sedan	Asia	Front
5	Acura	3.5 RL 4dr	Sedan	Asia	Front
6	Acura	3.5 RL w/Navigation 4dr	Sedan	Asia	Front
7	Acura	NSX coupe 2dr manual S	Sports	Asia	Rear
8	Audi	A4 1.8T 4dr	Sedan	Europe	Front
9	Audi	A41.8T convertible 2dr	Sedan	Europe	Front
10	Audi	A4 3.0 4dr	Sedan	Europe	Front
11	Audi	A4 3.0 Quattro 4dr manual	Sedan	Europe	All
12	Audi	A4 3.0	Sedan	Europe	All



Start Page - SAS Enterprise Guide

File Edit View Program Tools Help

Git Re
✓ Project
✓ Open Items
✓ Servers
✓ SAS Folders
✓ Tasks
✓ Prompt Manager
✓ Git Repositories
Submission Status
Clo
✓ Start Page
Search
Full screen F11
Apply tab layout >
Program tab presets >
Reset to default layout

Get Started

- Create a new program
- Create a new project
- Open an existing file

NEW Explore new features in SAS Enterprise Guide

Learn

- Learn SAS Enterprise Guide - videos, tutorials, and training
- Learn SAS programming

SAS Community

- Join the SAS Community
- Request a feature

Welcome to
SAS ENTERPRISE GUIDE
Develop SAS programs in a rich programming environment.

Tasks
Analyze data and create reports via point-and-click wizards.

Data Access
Import and access data seamlessly.

Data Preparation
Join, filter, sort, and transform data via a robust Query Builder.

Process Flows
Simplify and model repeatable processes.

Projects
Organize and share work.

Ready 0

* Program - SAS Enterprise Guide

File Edit View Program Tools Help

Run Cancel [Icons] Share Debug SASApp

Code

```

1 data test;
2 set sashelp.cars;
3 run;
4
5
6 proc print;
7 run;
8

```

Log Results (1) Output Data (1)

HTML - Program

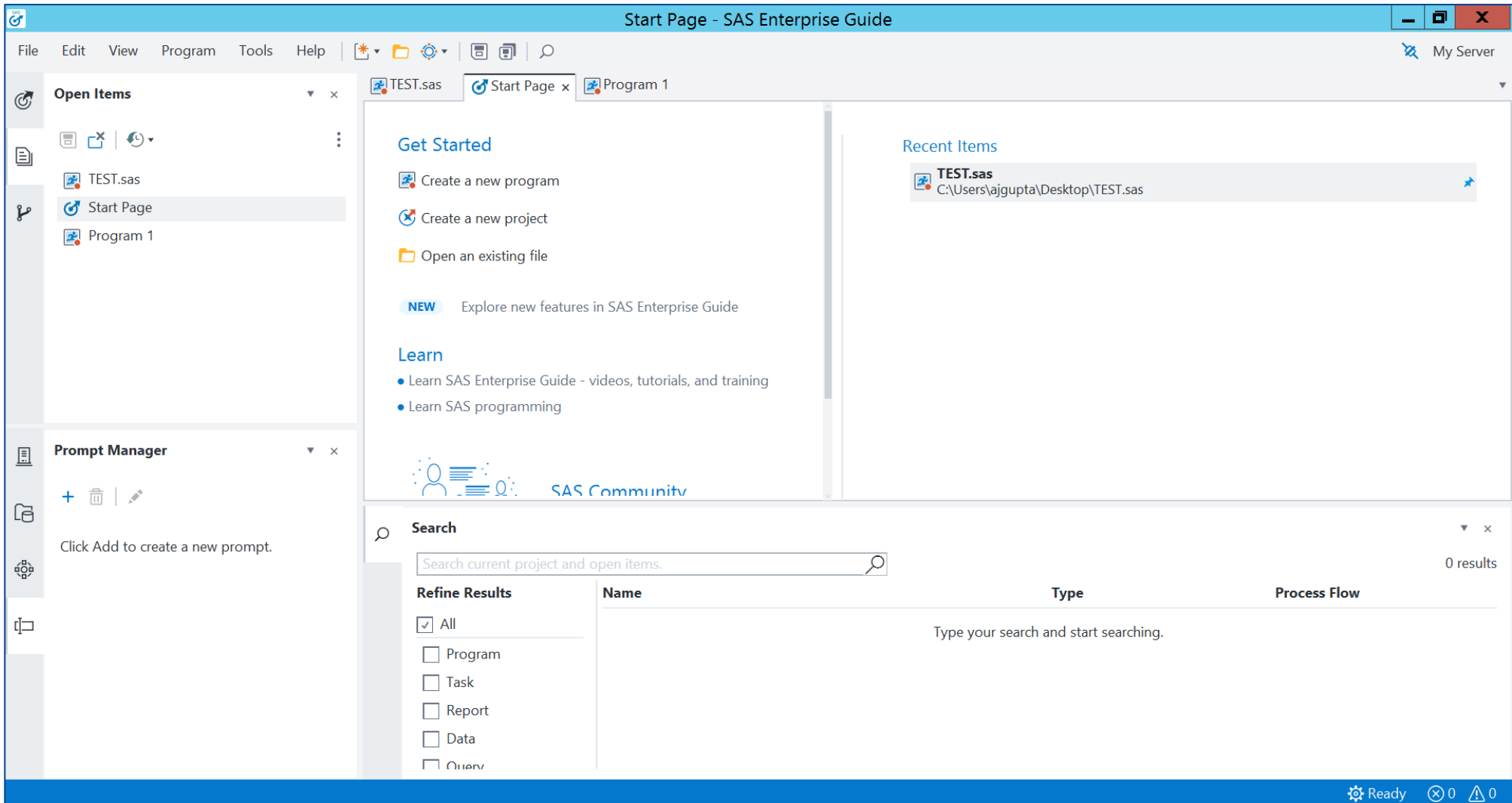
Obs	Make	Model	Type	Origin	DriveTrain	M
1	Acura	MDX	SUV	Asia	All	\$36
2	Acura	RSX Type S 2dr	Sedan	Asia	Front	\$23
3	Acura	TSX 4dr	Sedan	Asia	Front	\$26
4	Acura	TL 4dr	Sedan	Asia	Front	\$33
5	Acura	3.5 RL 4dr	Sedan	Asia	Front	\$43
6	Acura	3.5 RL w/Navigation 4dr	Sedan	Asia	Front	\$46
7	Acura	NSX coupe 2dr manual S	Sports	Asia	Rear	\$86
8	Audi	A4 1.8T 4dr	Sedan	Europe	Front	\$25
9	Audi	A41.8T convertible 2dr	Sedan	Europe	Front	\$35

Submission Status

All Errors Warnings Queued Cancel All Clear All

Name	Completed	Status Information	Run Time	Submitted	Process Flow	Server
Program	12/4/2022 11:02:14 PM	Successful	9.213s	12/4/2022 11:02:10 PM		SASApp

Ready 0 0



The screenshot shows the SAS Enterprise Guide interface. The title bar reads "Start Page - SAS Enterprise Guide". The menu bar includes File, Edit, View, Program, Tools, and Help. The toolbar contains icons for file operations and a search icon. The window title bar shows three open tabs: TEST.sas, Start Page x, and Program 1. On the left, the "Open Items" pane lists TEST.sas, Start Page, and Program 1. Below it is the "Prompt Manager" pane with a plus icon and the text "Click Add to create a new prompt." The main workspace is divided into two panes. The left pane, titled "Get Started", contains links for "Create a new program", "Create a new project", and "Open an existing file", along with a "NEW" badge and a "Learn" section with links to "Learn SAS Enterprise Guide" and "Learn SAS programming". The right pane, titled "Recent Items", shows a single entry for "TEST.sas" at the path "C:\Users\ajgupta\Desktop\TEST.sas". At the bottom, a "Search" pane is visible with a search bar and a "Refine Results" section with checkboxes for "All", "Program", "Task", "Report", "Data", and "Query". The search results table has columns for "Name", "Type", and "Process Flow", and currently displays the text "Type your search and start searching." The status bar at the bottom right shows "Ready", "0" errors, and "0" warnings.

Ability to Connect Directly to Workspace Servers:

You can connect directly to a SAS 9 or SAS Viya workspace server by defining the servers in the Connections window. For more information, see [Defining Workspace Servers](#).

New Git Integration User Interface:

The new Git integration user interface integrates some of the most common Git features into SAS Enterprise Guide, including cloning, pulling, pushing, and branching. For more information, see [About Git Integration in SAS Enterprise Guide](#).

Ability to Access and Run Tasks from SAS Studio 5.2:

In addition to the built-in tasks in SAS Enterprise Guide, you can access built-in and user-defined tasks from SAS Studio 5.2. To access these tasks, you must specify your SAS Studio URL and credentials in the Options window. For more information, see [Setting SAS Studio Integration Options](#).

Ability to Drag Data Sets and Variable Names into a Program:

You can now add data set and variable names to a program without typing the names yourself by dragging the data sets and variables from the Servers pane into a program.

New Search Pane:

The search feature in SAS Enterprise Guide is now available in the Search pane. You can toggle the Search pane on and off, and you can search for items in a project or in the Open Items pane. For more information, see [Searching in SAS Enterprise Guide](#).

Running a Process Flow:

You can now run the items in a project from the selected node in the process flow or to the selected node in the process flow. For more information, see [Run Part of the Process Flow](#).

Documentation:

The documentation for SAS Enterprise Guide is now available from the Help Center on support.sas.com. The Help functionality in SAS Enterprise Guide takes you to the latest documentation. These documents are available:

[SAS Enterprise Guide: User's Guide](#)

[SAS Tasks in SAS Enterprise Guide and SAS Add-In for Microsoft Office](#)

[SAS Enterprise Guide: Accessibility Features](#)

Training Videos:

<https://www.youtube.com/watch?v=blU4ACP1Hal>

<https://support.sas.com/en/software/enterprise-guide-support.html#8ab798a7-2f78-4e1b-a869-d0dbf323212c>

QUESTIONS

Contact Presenter: Ajgupta@dsi.com