

SAS Studio React

Die zweite Generation von SAS Studio auf
SAS Viya 4

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Studio React



Studio on React

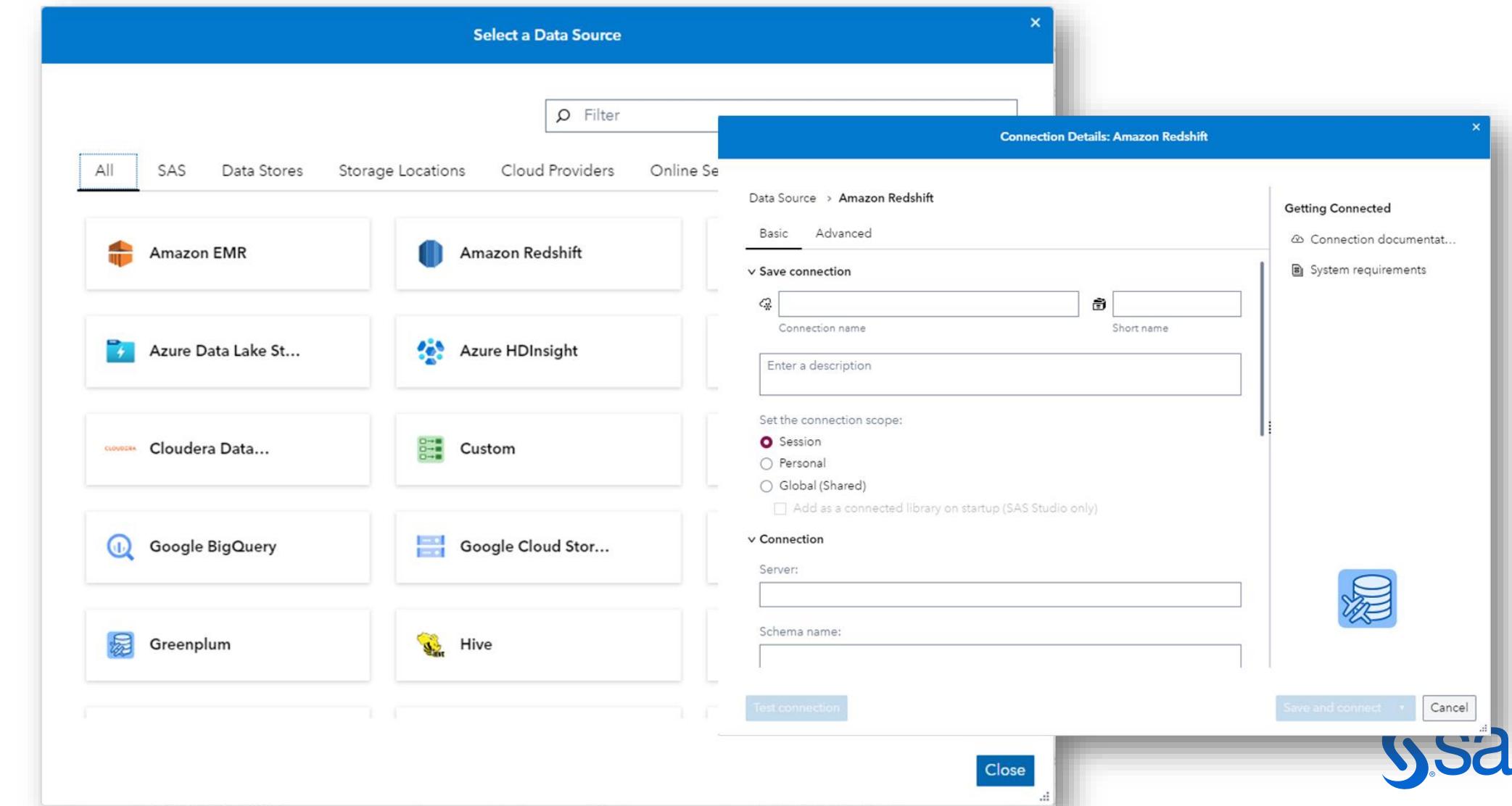
Best Performance

- UI Performance wurde signifikant erhöht
- Vorhandene Funktionen sind verfügbar
- Neue Komponenten wurden hinzugefügt (siehe unten)
- Tasks*
 - OOTB tasks -> ersetzt durch Studio Steps
 - User-created tasks -> ersetzt durch Custom Steps
- Viele weitere Verbesserungen wurden vorgenommen

Studio on React

Neuer Connection Manager

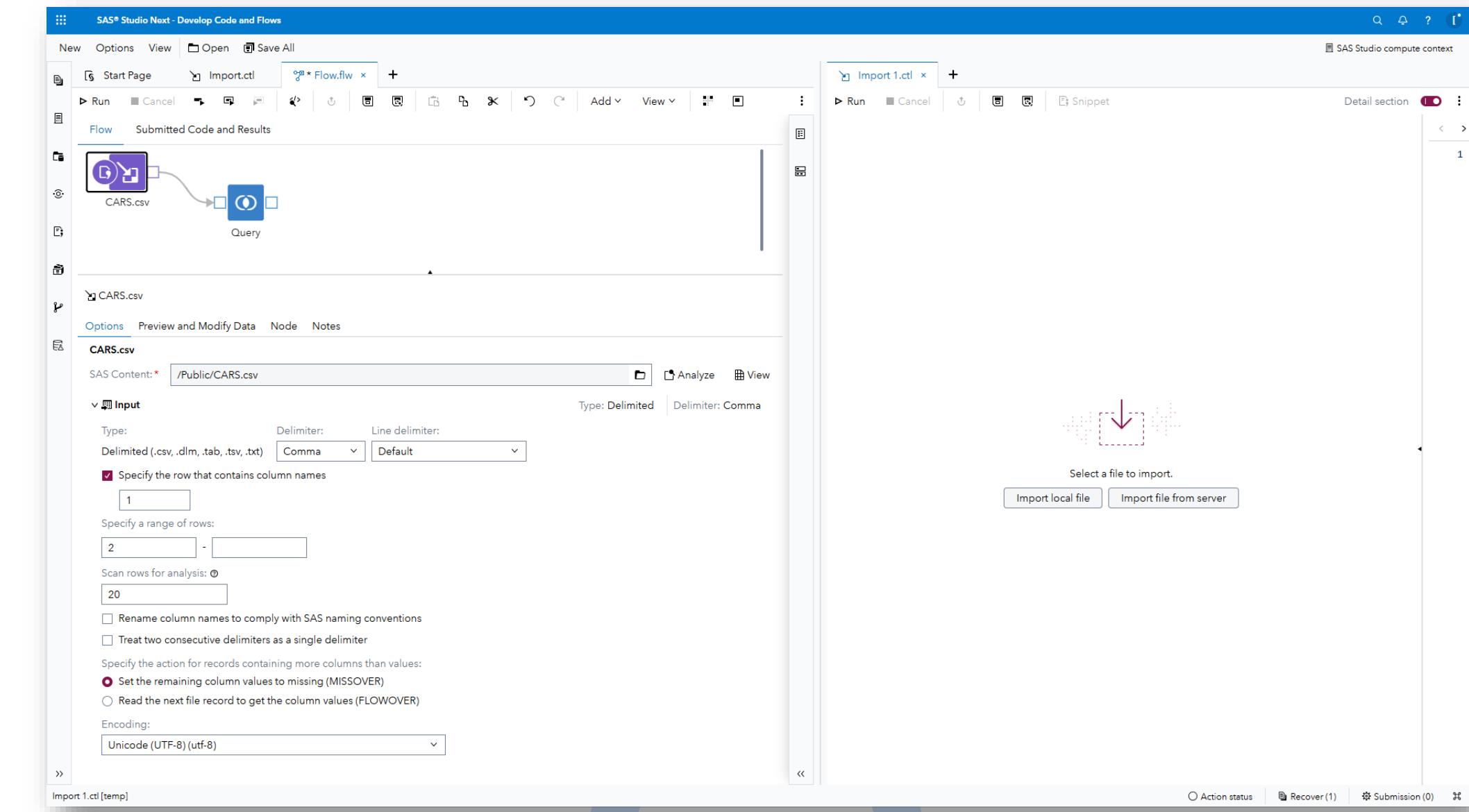
- Target Database/Storage orientiert
- Allgemeiner Dialog für alle SAS-Module



Studio on React

New File Import

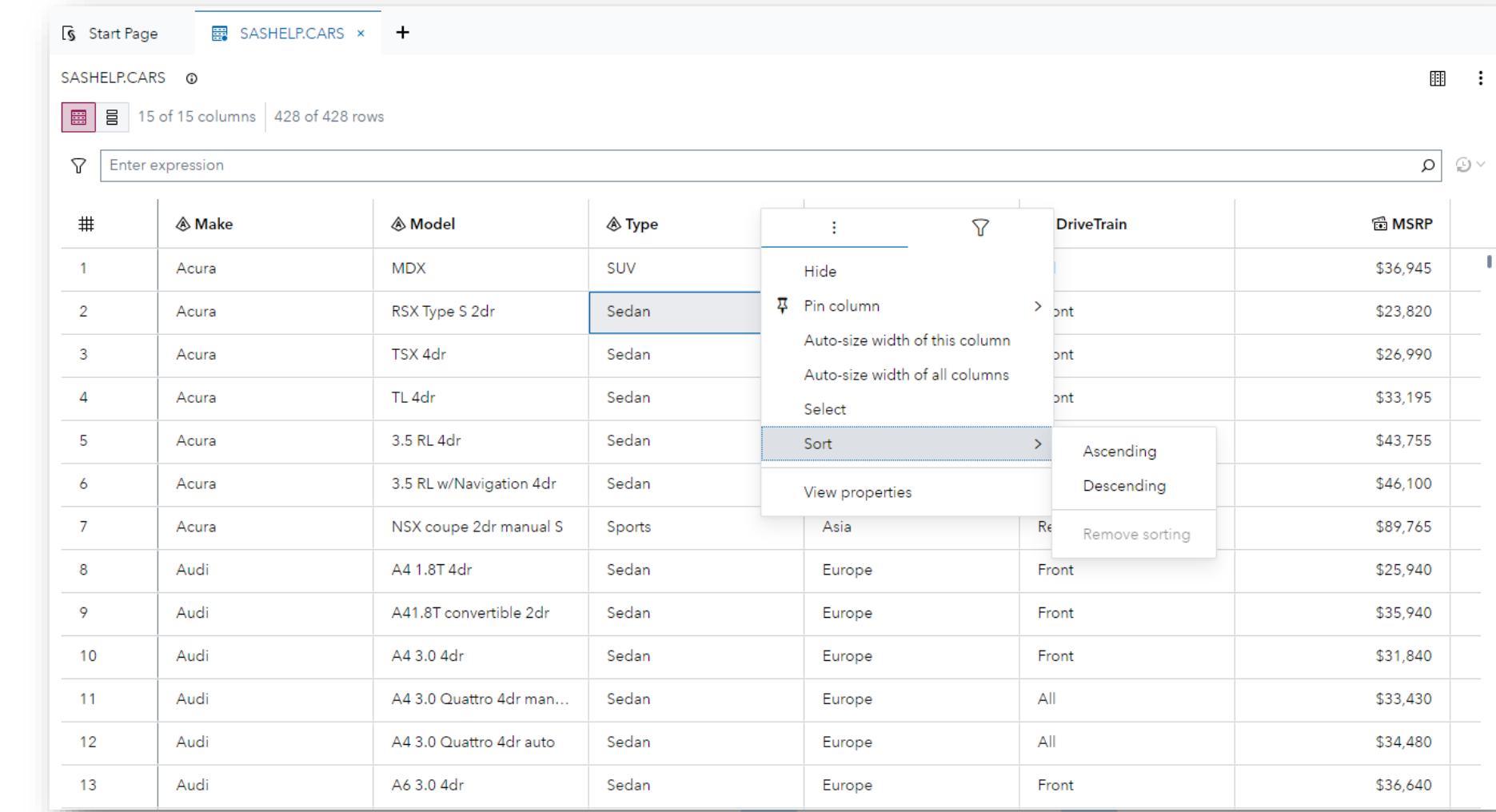
- Erweiterte Funktionen
- Die gleiche UX im Standalone-Modus und der Importschritt im Flow



Studio on React

New Data Viewer

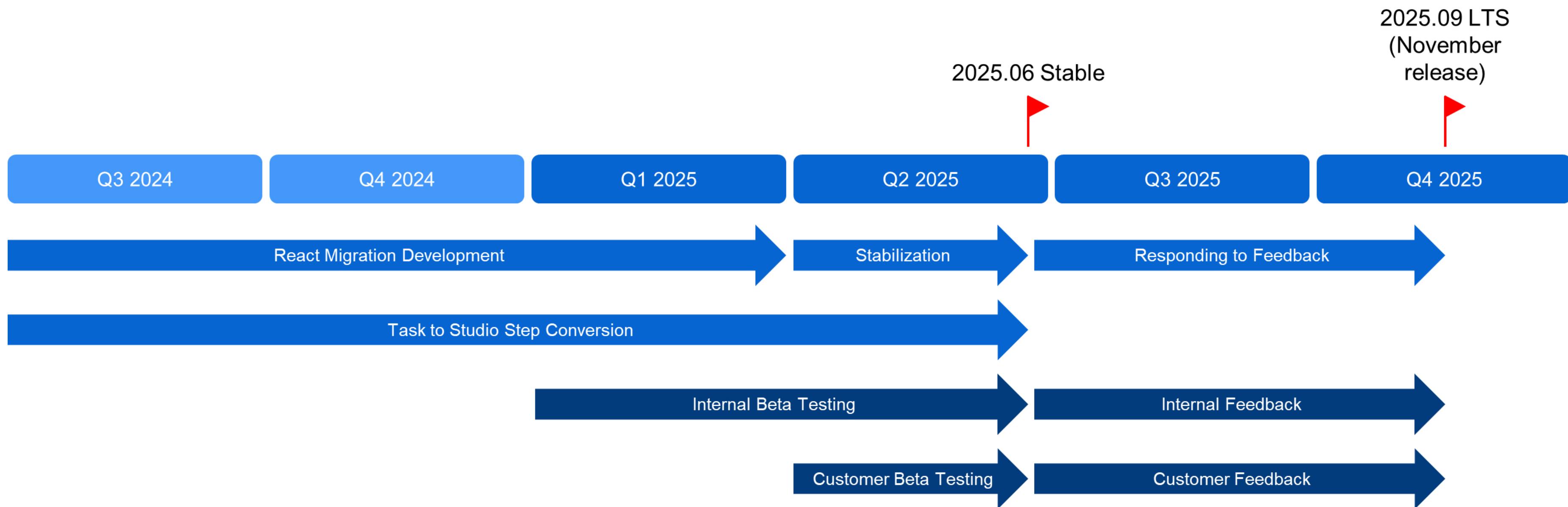
- Unterstützt alle klassischen Aktionen, einschließlich unendlichem Scrollen, Sortieren, Filtern, Kopieren von Daten usw.



The screenshot shows a data viewer interface for the 'SASHHELP.CARS' dataset. The table has columns: #, Make, Model, Type, DriveTrain, and MSRP. A context menu is open over the 'Type' column for the second row (Acura, RSX Type S 2dr). The menu options include Hide, Pin column, Auto-size width of this column, Auto-size width of all columns, Select, Sort (with Ascending and Descending), View properties, and Remove sorting.

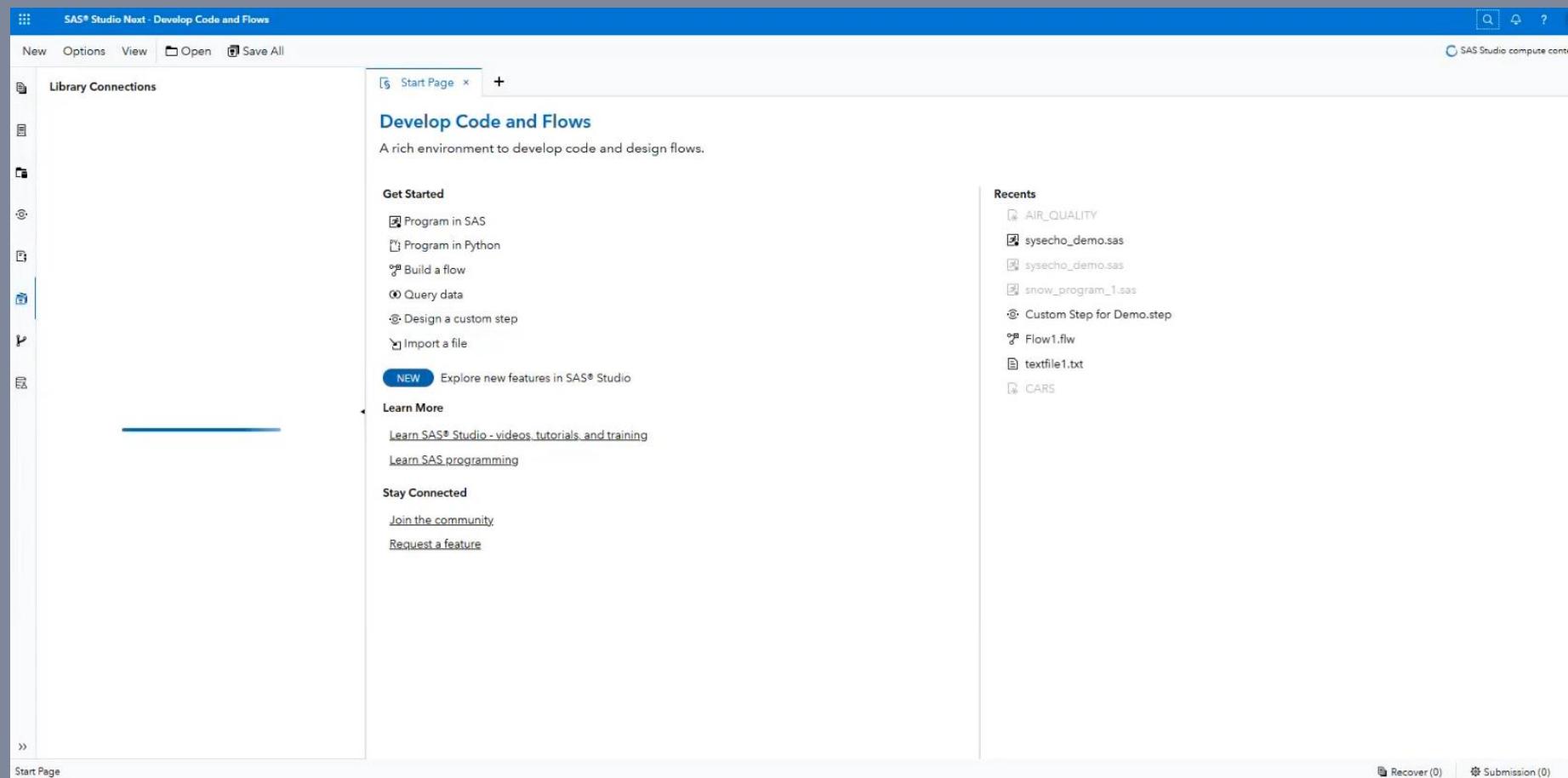
#	Make	Model	Type	DriveTrain	MSRP
1	Acura	MDX	SUV		\$36,945
2	Acura	RSX Type S 2dr	Sedan		\$23,820
3	Acura	TSX 4dr	Sedan		\$26,990
4	Acura	TL 4dr	Sedan		\$33,195
5	Acura	3.5 RL 4dr	Sedan		\$43,755
6	Acura	3.5 RL w/Navigation 4dr	Sedan		\$46,100
7	Acura	NSX coupe 2dr manual S	Sports	Front	\$89,765
8	Audi	A4 1.8T 4dr	Sedan	Europe	\$25,940
9	Audi	A41.8T convertible 2dr	Sedan	Europe	\$35,940
10	Audi	A4 3.0 4dr	Sedan	Europe	\$31,840
11	Audi	A4 3.0 Quattro 4dr man...	Sedan	Europe	\$33,430
12	Audi	A4 3.0 Quattro 4dr auto	Sedan	Europe	\$34,480
13	Audi	A6 3.0 4dr	Sedan	Europe	\$36,640

Studio on React Plan



Studio on React

Ein erster Blick!



SAS Studio on React

Start Page – ergänzt um Program in Python, Design a custom step und import a file

The screenshot shows the SAS Studio Next interface for "Develop Code and Flows". The left sidebar contains a "Library Connections" section with a search bar and lists of connected and saved definitions, including categories like CAT, CENSUS, COMP, CRANK, EFI, MAPS, MAPSGFK, MAPSSAS, PGC_DATA, SASDQREF, SASHelp, SASUSER, SNOW, and WORK. The main content area is titled "Develop Code and Flows" and describes it as a rich environment to develop code and design flows. It features a "Get Started" section with links to "Program in SAS", "Program in Python" (which is highlighted with a cursor), "Build a flow", "Query data", "Design a custom step", and "Import a file". Below this is a "NEW" button for exploring new features. The "Learn More" section includes links to "Learn SAS® Studio - videos, tutorials, and training" and "Learn SAS programming". The "Stay Connected" section has links to "Join the community" and "Request a feature". On the right, there's a "Recents" sidebar listing recent files such as AIR_QUALITY, sysecho_demo.sas, snow_program_1.sas, Custom Step for Demo.step, Flow1.flw, textfile1.txt, and CARS. The bottom navigation bar includes "Start Page", "Recover (0)", "Submission (0)", and a refresh icon.

SAS Studio on React

Neuer Library Connection Manager – gleich in allen anderen Viya Modulen

The screenshot shows the SAS Studio Next interface. On the left, there is a sidebar titled "Library Connections" with a search bar and a list of "Connected" library definitions. The "Connected" tab is selected, showing entries like CAT_COMP, CAT_SAS, CENSUS, COMP_PRD, COMP_TGT, COMP_TST, CRANK, EFI_PRD, MAPS, MAPSGFK, MAPSSAS, PGC_DATA, SASDQREF, SASHelp, SASUSER, SNOW, and WORK. A cursor is hovering over the MAPS entry. The main content area is titled "Develop Code and Flows" and contains sections for "Get Started" (with links to Program in SAS, Python, Build a flow, Query data, Design a custom step, and Import a file), "Learn More" (with links to SAS Studio videos, SAS programming, and community resources), and "Stay Connected" (with links to join the community and request features). On the right, there is a "Recents" sidebar listing recent files such as AIR_QUALITY, sysecho_demo.sas, sysecho_demo.sas, snow_program_1.sas, Custom Step for Demo.step, Flow1.flw, textfile1.txt, and CARS.

SAS Studio on React

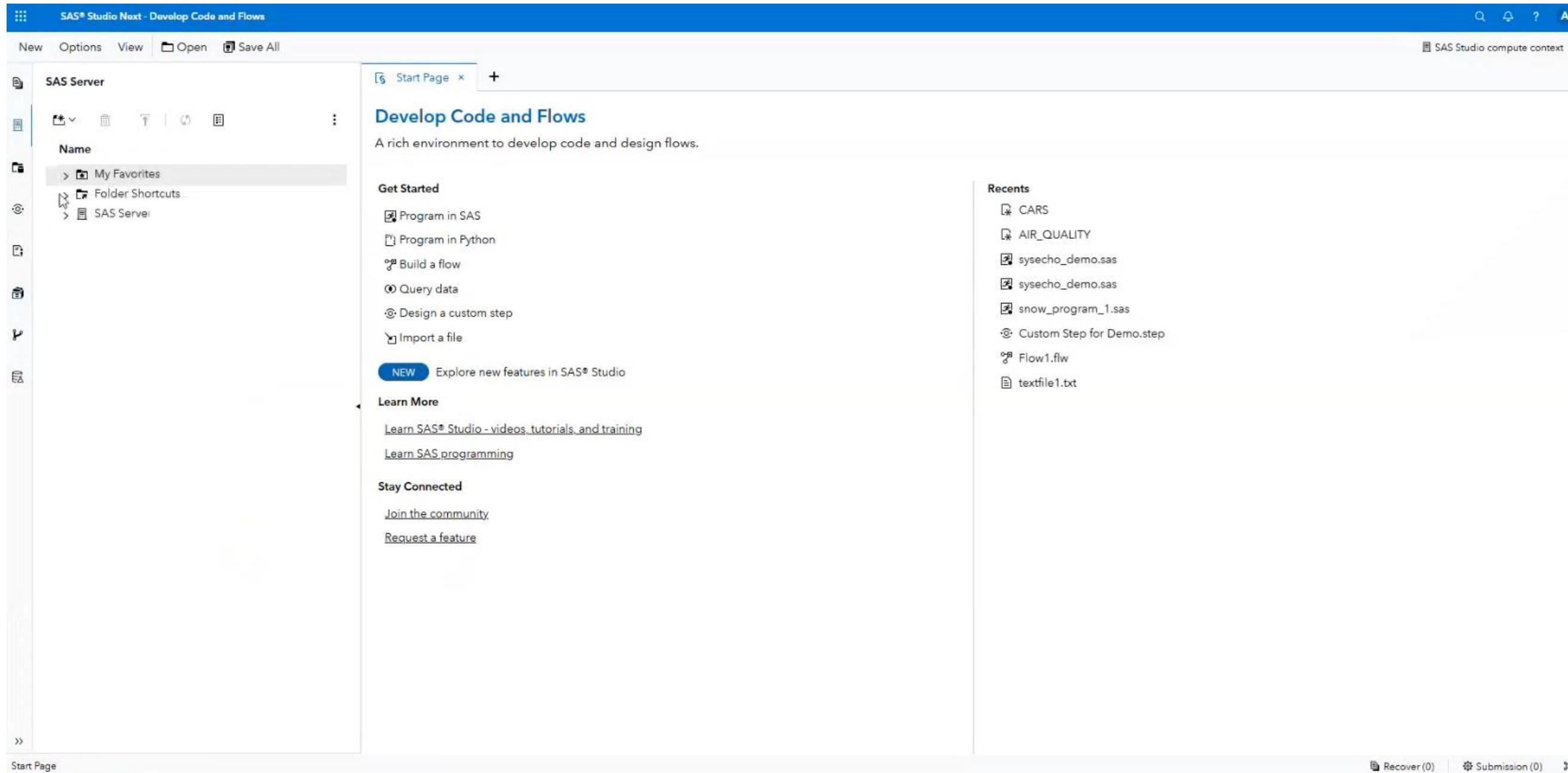
Data Viewer Dialog – autosize with .. , label& Columns, scrolling, expression builder, copy& paste ...

The screenshot shows the SAS Studio Next interface with a Data Viewer dialog for the SNOW.CARS dataset. The dialog displays 101 rows of car data with columns for Make, Model, Type, Origin, DriveTrain, MSRP, Invoice, EngineSize, and Cylinders. A context menu is open over the third row, showing options like 'Copy' and 'Copy displayed values'. The left sidebar shows library connections and the current dataset.

#	Make	Model	Type	Origin	DriveTrain	MSRP	Invoice	EngineSize	Cylinders
1	Acura	MDX	SUV	Asia	All	36945	33337	3.5	
2	Volvo	XC70	Wagon	Europe	All	35145	33112	2.5	
3	Volvo	S80 T6 4dr	Sedan	Europe	Front	45210	42573	2.9	
4	Volvo	C70 HPT convertible 2dr			Front	42565	40083	2.3	
5	Volvo	C70 LPT convertible 2dr			Front	40565	38203	2.4	
6	Volvo	S80 2.5T 4dr			All	37885	35688	2.5	
7	Volvo	S80 2.9 4dr			Front	37730	35542	2.9	
8	Volvo	S60 R 4dr	Sedan	Europe	All	37560	35382	2.5	
9	Volvo	S60 T5 4dr	Sedan	Europe	Front	34845	32902	2.3	
10	Volvo	S60 2.5 4dr	Sedan	Europe	All	31745	29916	2.5	
11	Volvo	XC90 T6	SUV	Europe	All	41250	38851	2.9	
12	Volkswagen	Passat W8	Wagon	Europe	Front	40235	36956	4	
13	Volkswagen	Phaeton W12 4dr	Sedan	Europe	Front	75000	69130	6	1
14	Volkswagen	Phaeton 4dr	Sedan	Europe	Front	65000	59912	4.2	
15	Volkswagen	Passat W8 4MOTION 4dr	Sedan	Europe	Front	39235	36052	4	
16	Volkswagen	Passat GLX V6 4MOTION 4dr	Sedan	Europe	Front	33180	30583	2.8	
17	Volkswagen	Touareg V6	SUV	Europe	All	35515	32243	3.2	
18	Toyota	Avalon XLS 4dr	Sedan	Asia	Front	30920	27271	3	
19	Toyota	Land Cruiser	SUV	Asia	All	54765	47986	4.7	
20	Toyota	Sequoia SR5	SUV	Asia	All	35695	31827	4.7	
21	Subaru	Impreza WRX STi 4dr	Sports	Asia	All	31545	29130	2.5	
22	Subaru	Outback H 2.5i PZEV 4dr	Sedan	Asia	All	21545	20202	2	

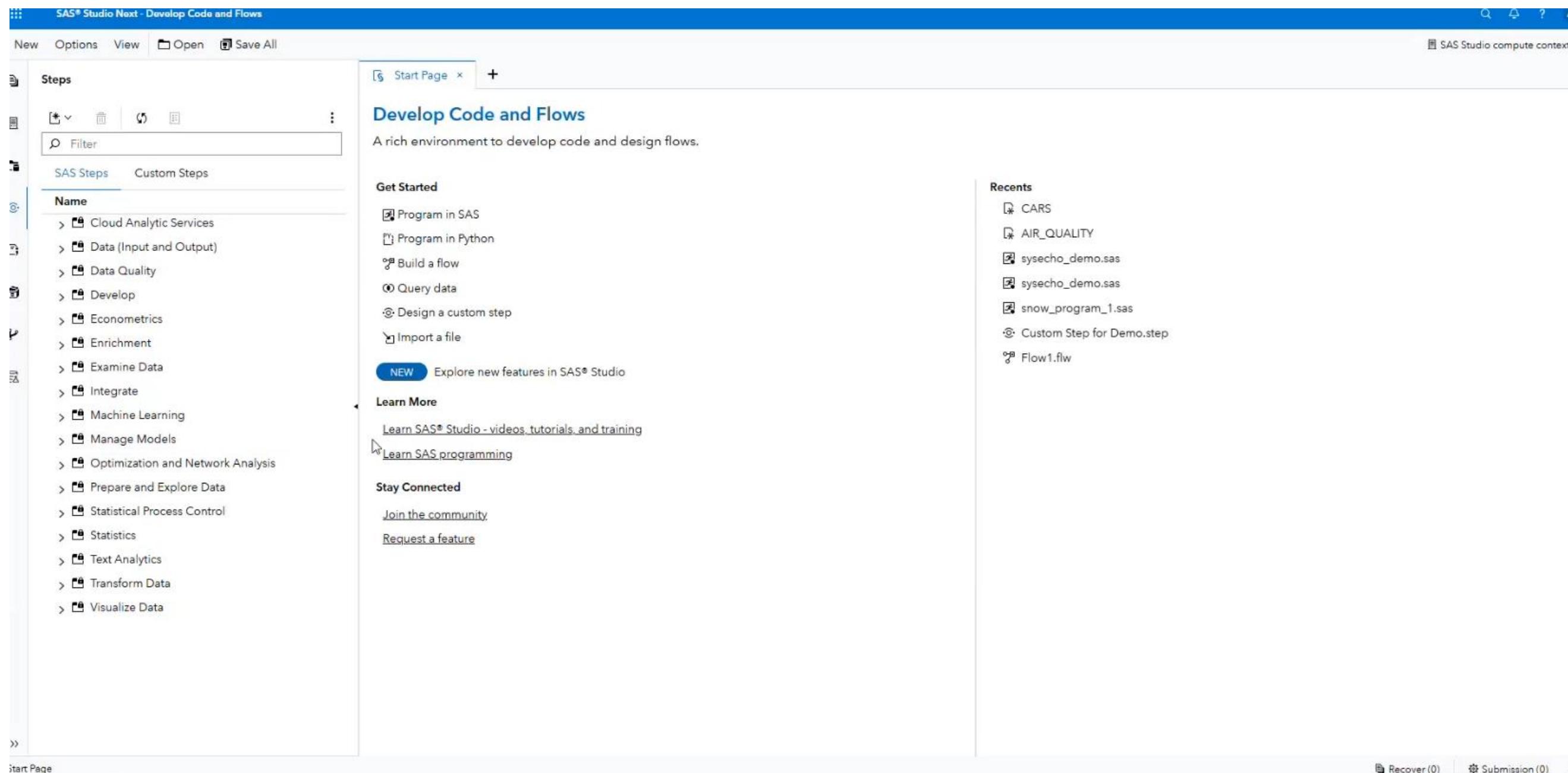
SAS Studio on React

Server Content / SAS Content Folder



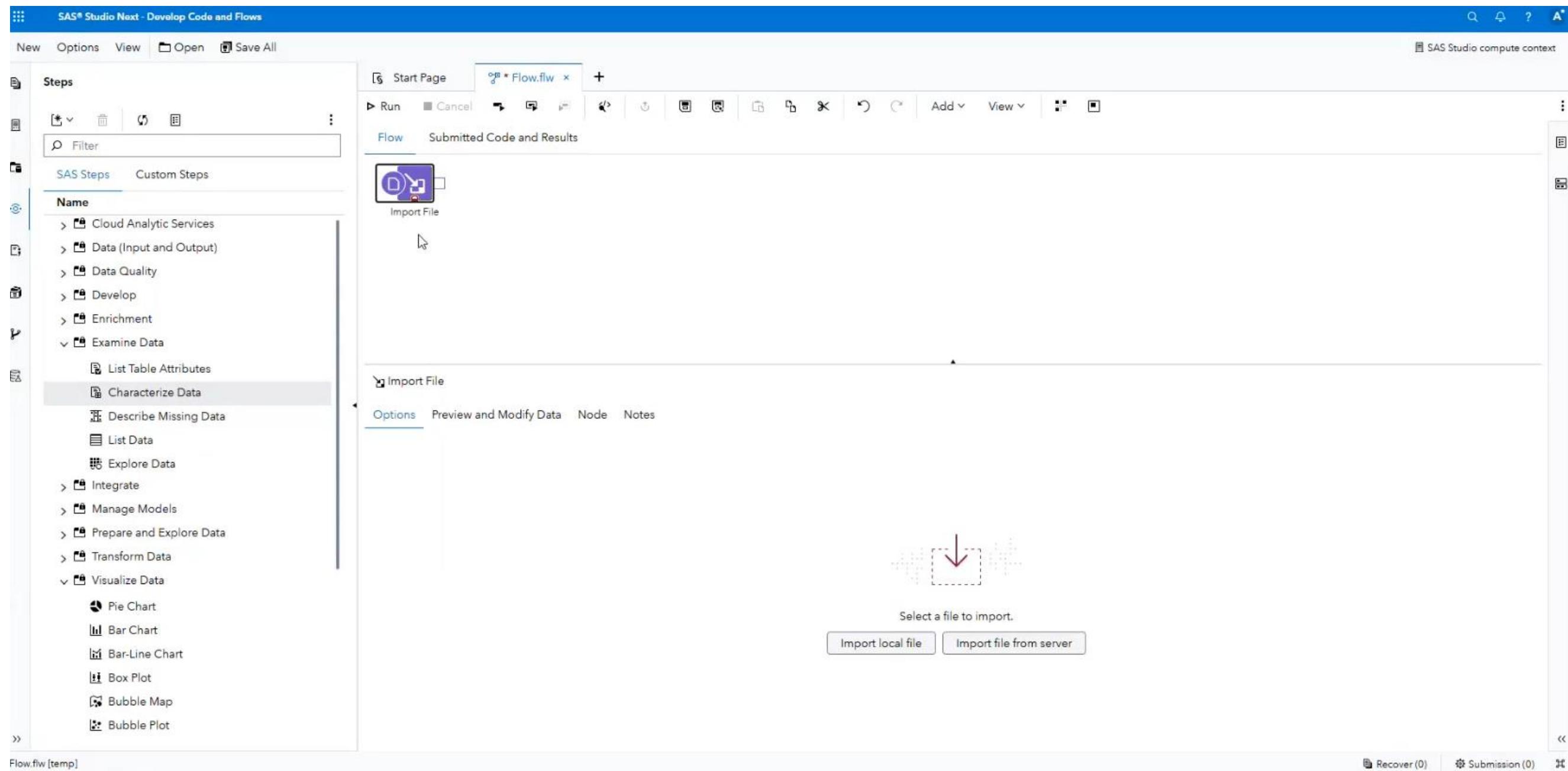
SAS Studio on React

SAS Steps / Custom Step – Tasks sind jetzt SAS Steps (Stand-alone oder Flow)



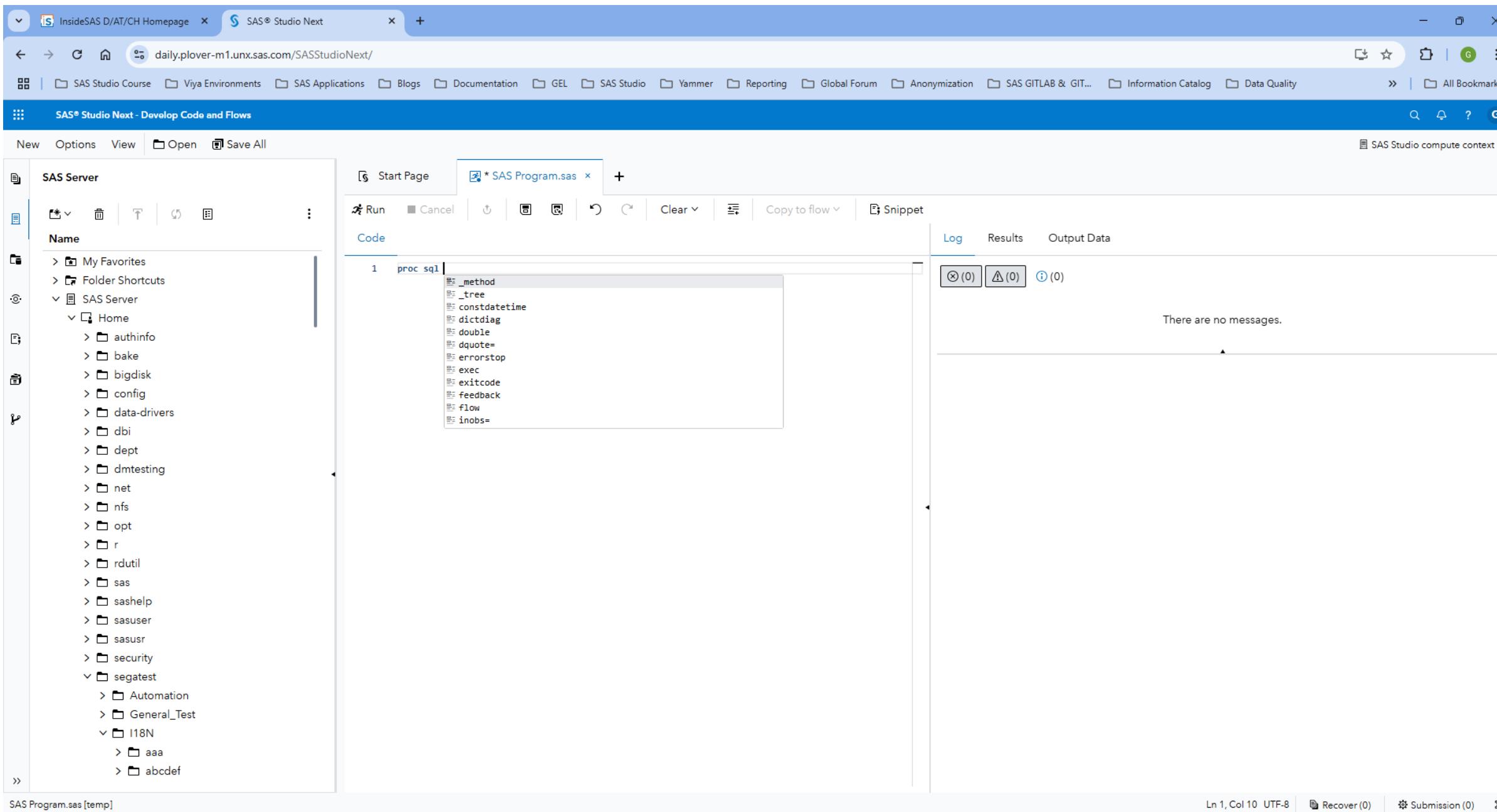
SAS Studio on React

Flow -Import File, neues Design



SAS Studio on React

SAS Programme – der gleiche Code Editor wie in Visual Studio Code

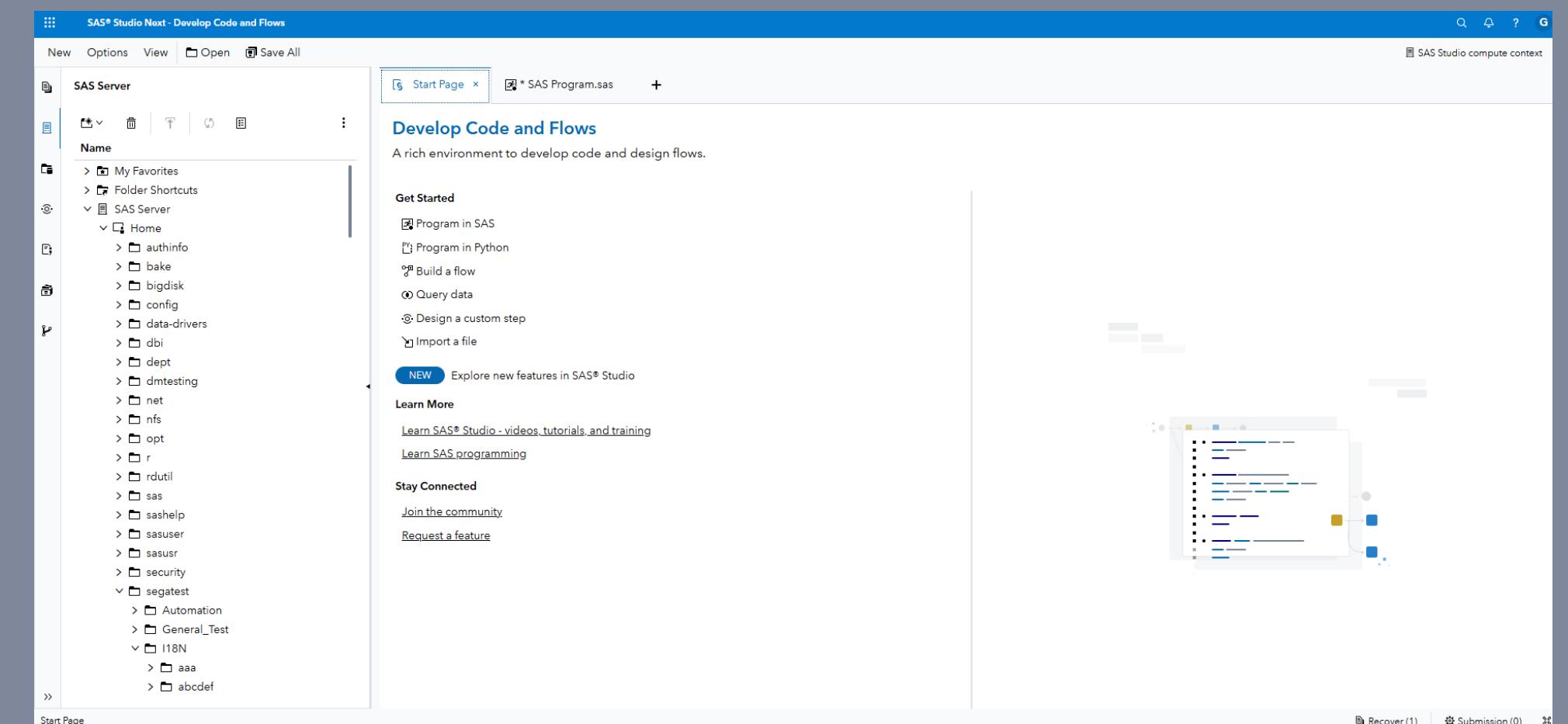


The screenshot shows the SAS Studio Next interface. On the left, there's a sidebar titled "SAS Server" with a tree view of available servers and datasets. The main area is a code editor titled "SAS Program.sas" containing the following SAS code:

```
1 proc sql| _method  
| _tree  
| constdatetime  
| dictdiag  
| double  
| dquote=  
| errorstop  
| exec  
| exitcode  
| feedback  
| flow  
| inobs=
```

Below the code editor, there are tabs for "Log", "Results", and "Output Data". The "Log" tab displays the message: "There are no messages." At the bottom of the screen, there are status indicators: "Ln 1, Col 10 UTF-8", "Recover (0)", "Submission (0)", and a refresh icon.

Demo SAS Studio React



What's next?

- Beta Testing in KW10 mit Feedback an PM und R&D
- Testing durch ausgewählte Kunden
 - in GSZ durch Fraport (Mai)
 - Inhouse Tag mit Coaching der Anwender
 - 14 Tage Test durch Fraport mit Betreuung durch SAS
- Ab Juli – Implementieren neuer Features e.g. RC Handling etc.

Mein Fazit

SAS Studio React ist

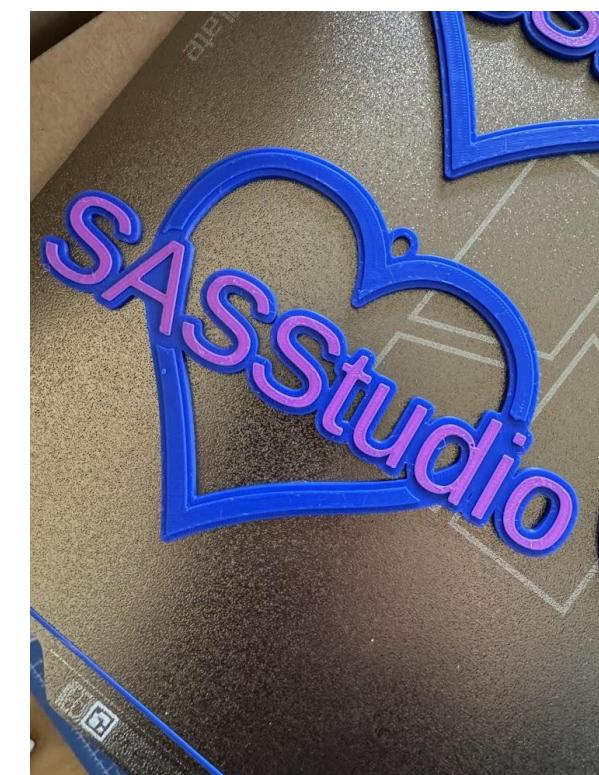
performant

einfache Bedienung

Benutzerfreundlich

einheitliche Oberflächen

intuitiv



[Customer SAS Studio Video](#)

Fragen?

