

Neuigkeiten im SAS Studio

SAS Club 2025, Kashif Din



Pre/Post 2025.06 stable release

SAS® Studio - Develop Code and Flows

New Options View Open Save All

Libraries Connected Libraries
CAT_COMP
CAT_SAS
CENSUS
COMP_PRD
COMP_TGT
COMP_TST
CRANK
EFL_PRD
MAPS
MAPGFK
MAPSSAS
PGC_DATA
SASDQREF
SASHelp
SASUSER
WORK

GET STARTED

- Program in SAS
- Build a flow
- Import data
- Query data

Explore new features in SAS Studio

LEARN

- Learn SAS Studio - videos, tutorials, and training
- Learn SAS programming

STAY CONNECTED

- Join the community
- Request a feature

Welcome to SAS STUDIO

A rich environment to develop code and design flows.

Programs Write programs using the robust SAS language.

Flows Simplify and model repeatable steps.

Data Access Import and access data seamlessly.

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

Collaboration Organize and share work.

Start Page Recover (0) Submission (0) Start Page

SAS® Studio - Develop Code and Flows

New Options View Open Save All

Library Connections Connected Saved Definitions

Search (library

Name

- CAT_COMP
- CAT_SAS
- CENSUS
- COMP_PRD
- COMP_TGT
- COMP_TST
- CRANK
- EFL_PRD
- MAPS
- MAPGFK
- MAPSSAS
- PGC_DATA
- SASDQREF
- SASHelp
- SASUSER
- WORK

Develop Code and Flows

A rich environment to develop code and design flows.

Get Started

- Program in SAS
- Program in Python
- Build a flow
- Query data
- Design a custom step
- Import a file

Explore new features in SAS® Studio

Learn More

- Learn SAS® Studio - videos, tutorials, and training
- Learn SAS programming

Stay Connected

- Join the community
- Request a feature

Start Page Recover (0) Submission (0) Start Page

New search functionality

The screenshot shows the SAS Studio interface with a callout pointing to the search bar in the top-left corner of the library connections panel. The search bar contains the placeholder text "Search (library:table:column)".

New sticky folders

A callout points to the "SASHHELP" folder in the tree view, which has a blue border, indicating it is currently selected or active.

Select a Data Source

The screenshot shows the "Select a Data Source" panel, which is a new connection manager. It lists various data sources categorized under "All", "SAS", "Data Stores", "Storage Locations", "Cloud Providers", "Online Services", and "General". Some of the listed data sources include Amazon EMR, Amazon Redshift, Azure Data Lake St..., Azure HDInsight, Cloud Data Exchange, Cloudera Data..., Custom, Databricks, Google BigQuery, Google Dataproc, Greenplum, and IBM Integrated Anal...



Copy and paste a range of cells

SAP Studio - Develop Code and Pages

Library Connections

Copy Ctr+H
Copy with column headings Ctr+G
Go to F12

Search (library/table/column)

Name

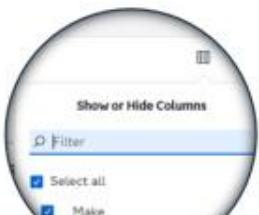
- SASHHELP
- BIRH
- BURROWS
- BUY
- INVERTIT
- CARS
- CITOKY
- CITOMH
- CITOTB
- CITWIK
- CITYR
- CLASS
- CLASSIFI
- CLNSIG
- CTRANNER
- COLURN
- COMET
- COUNTSERIES
- CPPREL
- CREDIT
- CSB_MEASURE_DIM
- CSBVALBLN_ANALYSIS_SCHEME
- CSBVALBLN_CHRSTC
- CSBVALBLN_IMPCT_CHRSTC_MAS
- CSBVALBLN_BDING
- CSBVALBLN_FILTER_DATA_TYPE_MAS
- CSBVALBLN_FILTER_PATH_MASTER
- CSBVALBLN_FILTER_SRC_COLUMN_M...

SASHHELP.CARS

Columns: 19 Rows: 408 Filtered: 100%

Origin Europe

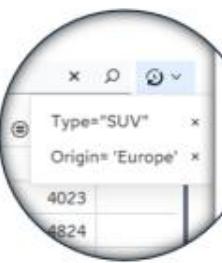
#	# Make	# Model	# Type	# Origin	# DriveTrain	# MSRP	# Invoice	# EngineSize	# Cylinders	# Horsepower	# MPG_City	# MPG_Highway	# Weight
1	Audi	A4 1.8T AWD	Sedan	Europe	Front	\$25,940	\$25,509	1.8	4	170	22	31	3252
2	Audi	A4L 2.0T convertible 2dr	Sedan	Europe	Front	\$35,340	\$32,506	2.0	4	170	23	30	3328
3	Audi	A4 3.0 AWD	Sedan	Europe	Front	\$31,840	\$26,846	3	6	220	20	28	3462
4	Audi	A4 3.0 Quattro AWD manual	Sedan	Europe	All	\$33,430	\$30,266	3	6	220	17	26	3583
5	Audi	A4 3.0 Quattro AWD auto	Sedan	Europe	All	\$34,480	\$31,288	3	6	220	18	25	3627
6	Audi	A4 3.0 AWD	Sedan	Europe	Front	\$36,480	\$33,129	3	6	220	20	27	3543
7	Audi	A4 3.0 Quattro AWD	Sedan	Europe	All	\$39,480	\$39,997	3	6	220	18	25	3888
8	Audi	A4 3.0 convertible 2dr	Sedan	Europe	Front	\$42,490	\$38,325	3	6	220	20	27	3814
9	Audi	A4 3.0 Quattro convertible 2dr	Sedan	Europe	All	\$42,210	\$40,075	3	6	220	18	25	4013
10	Audi	A4 2.7 Turbo Quattro AWD	Sedan	Europe	All	\$42,940	\$38,893	2.7	6	220	18	25	3826
11	Audi	A4 4.2 Quattro AWD	Sedan	Europe	All	\$49,690	\$44,926	4.2	8	300	17	24	4024
12	Audi	A8 Quattro AWD	Sedan	Europe	All	\$69,290	\$64,740	4.2	8	330	17	24	4299
13	Audi	S4 Quattro AWD	Sedan	Europe	All	\$48,940	\$43,556	4.2	8	340	14	20	3825
14	Audi	RS 5 AWD	Sports	Europe	Front	\$84,600	\$76,457	4.2	8	450	15	22	4024
15	Audi	TT L8 convertible 2dr (inboard)	Sports	Europe	Front	\$35,940	\$32,512	1.8	4	180	20	28	3121
16	Audi	TT L8 Quattro 2dr (convertible)	Sports	Europe	All	\$37,390	\$31,891	1.8	4	180	20	28	2971
17	Audi	TT 3.2 coupe 2dr (convertible)	Sports	Europe	All	\$45,990	\$36,719	3.2	6	250	21	29	3351
18	Audi	A6 3.0 Avant Quattro	Hatch	Europe	All	\$48,840	\$47,068	3	6	220	18	25	4038
19	Audi	S4 Avant Quattro	Hatch	Europe	All	\$48,890	\$45,448	4.2	8	340	15	21	3976
20	BMW	X3 3.0	SUV	Europe	All	\$37,000	\$35,873	3	6	225	16	22	4023
21	BMW	X5 4.4	SUV	Europe	All	\$52,395	\$47,720	4.4	8	325	16	22	4024
22	BMW	325i 4dr	Sedan	Europe	Rear	\$28,495	\$26,155	2.5	6	184	20	29	3219
23	BMW	325Ci 2dr	Sedan	Europe	Rear	\$30,795	\$28,245	2.5	6	184	20	29	3197
24	BMW	325i convertible 2dr	Sedan	Europe	Rear	\$37,995	\$34,800	2.5	6	184	19	27	3566



Show or hide columns



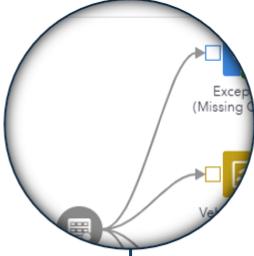
Display column names and labels



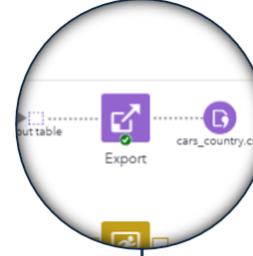
Quick filters



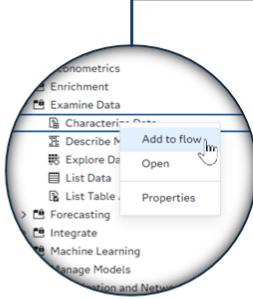
New SAS Server and SAS Content panes



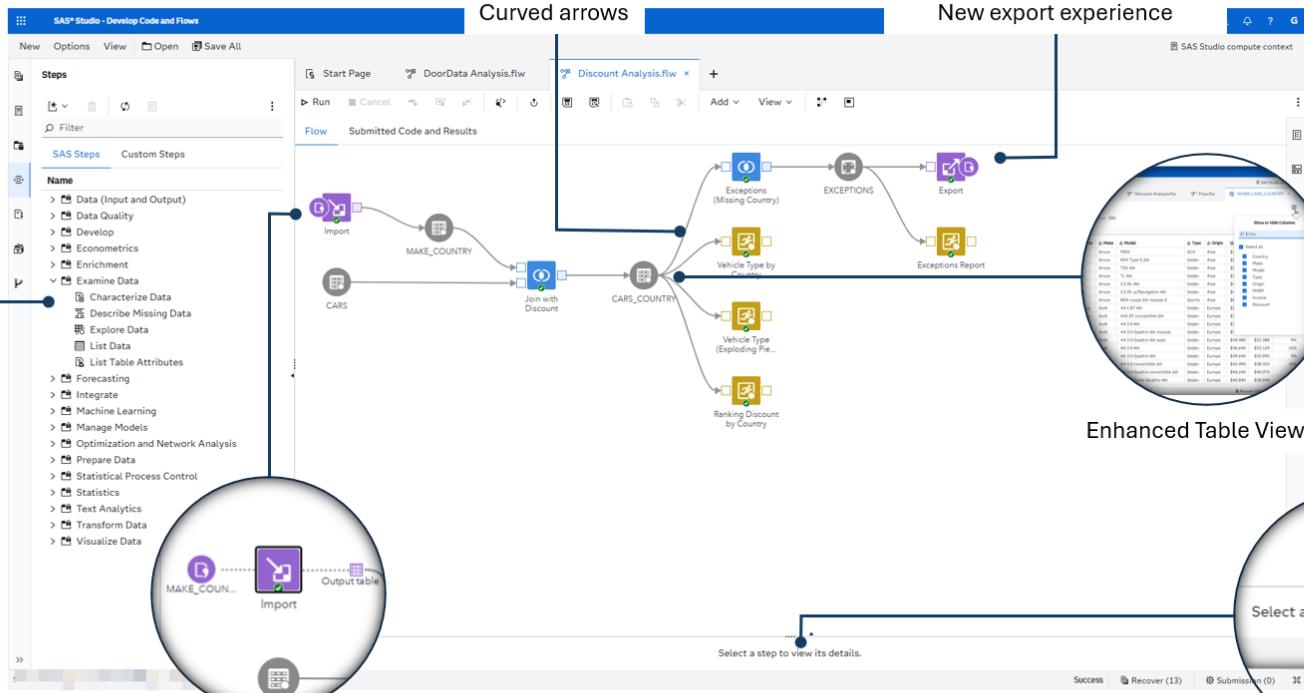
Curved arrows



New export experience



Open as standalone



Consistent import experience



Details pane hidden

SAS Studio - Develop Code and Flows

The screenshot shows the SAS Studio interface for developing code and flows. A central workspace displays a flow diagram titled "Discount Analysis.flw". The flow starts with an "Import" step (purple square) connected to a "CARS" data source (blue rectangle). This leads to a "MAKE_COUNTRY" step (black circle), which then connects to a "Join with Discrem" step (blue rectangle). From there, the flow splits into several parallel paths, each leading to different output steps like "Vehicle Type by Country" and "Ranking Discount by Country". Finally, the flow ends at an "EXCEPTIONS" step (black circle) and an "Export" step (purple square).

Code generation

A callout bubble highlights the "Preview code" button in the top right corner of a circular window titled "CARS Flow.flw".

Hide selected categories

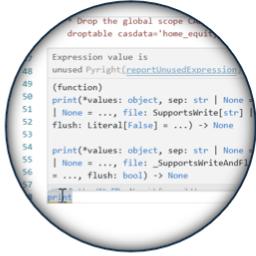
A callout bubble highlights the "Hide and show categories" button in the top left corner of a sidebar.

Open as standalone

A callout bubble highlights the "Add to flow" button in a context menu for a "Characterize Data" step in the sidebar.



Faster code editing



New syntax
suggestions

SAS® Studio - Develop Code and Flows

Options View Open Save All

library Connections

Connected Saved Definitions

Search (library:table:column)

Name

- > ALC
- > AO_REF
- > AO_RES
- > CABRAZIL
- > CASUSER
- > CPGROC
- > CGRETL
- > DOE_PSD
- > FORMATS
- > GROWTH
- > GTPUB
- > ITALY
- > MAPS
- > MAPSGFK
- > MAPSSAS
- > MODELS
- > PUBLIC
- > RISKIT
- > SAMPLES
- > SADSQREF
- > SASHHELP
- > SASUSER
- > WORK

* SAS Program.sas * Python 1.py

Start Page * SAS Program.sas +

Run Cancel Copy to flow Snippet

Code

```
1 ## Packages and Options
2 import pandas as pd
3 import numpy as np
4 pd.set_option('display.max_columns', None)
5
6
7 ## Access Data
8 df_raw = pd.read_csv(r'https://support.sas.com/documentation/online')
9
10
11 ## Prepare Data
12 df = (df_raw
13     .fillna(df_raw.select_dtypes(include = np.number).columns
14     .fillna(df_raw.select_dtypes(include = object).columns
15     .assign(DIFF = lambda _df: _df.MORTDUE - _df.VALUE,
16            LOAN_STATUS = lambda _df: _df.BAD.map({1:'Default', 0:'Good'})
17        )
18     .rename(columns=lambda colName:colName.lower().replace("_",""))
19 )
20
21
22 ## Preview the dataframe and number of missing values
23 print(df.head())
24 print(df.isna().sum())
25
26
27
28 ## Load the DataFrame to different locations in SAS Viya
29
30
31 # Load the DataFrame to the compute server as a SAS data set
32 SAS.df2sd(df, 'work.home_equity_compute_py')
33
34
35 ## Create a string with SAS code to connect to the CAS server, delete
```

Log Results Output Data

(0) (0) (0)

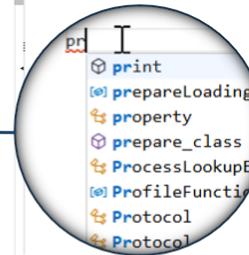
There are no messages.

py [temp]

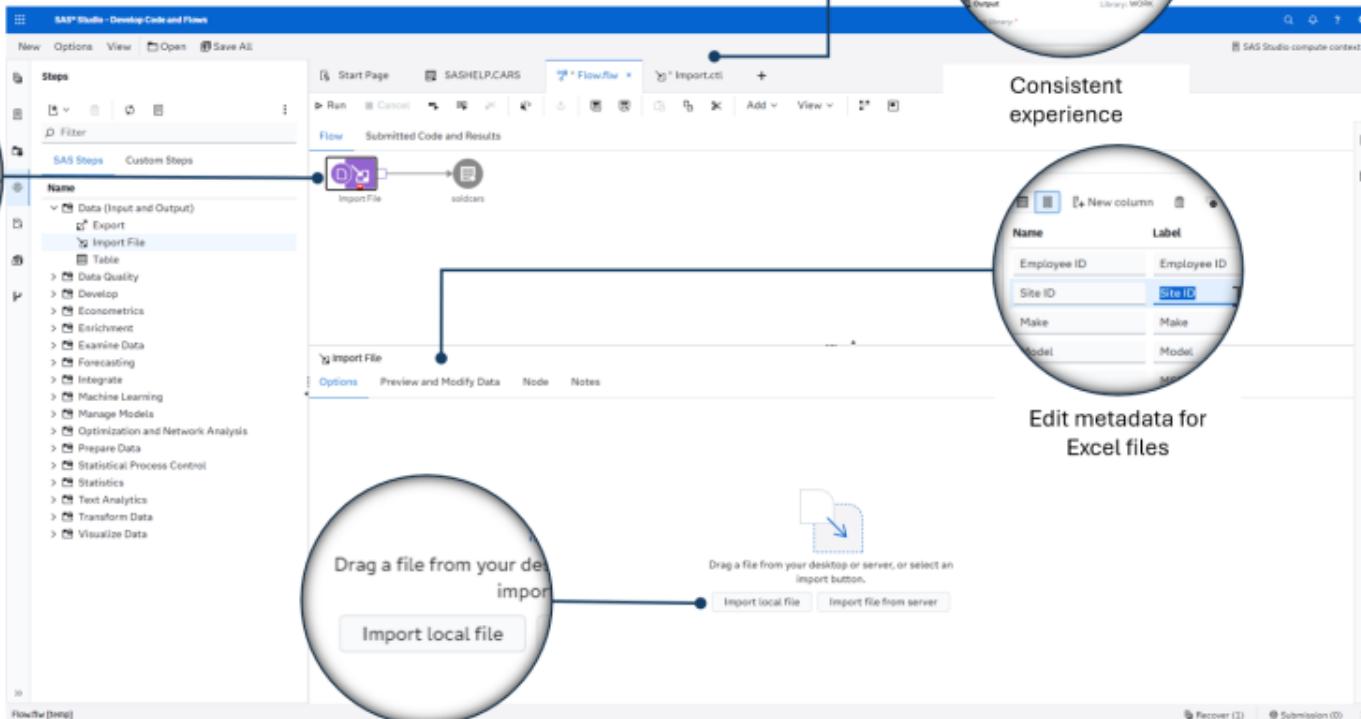
Ln 56, Col 32 UTF-8 Recover (2) Submission



Minimap



Improved help menu



Unified Import and File step

Consistent
experience

Edit metadata for Excel files

Drag a file from your desktop
Import local file

The screenshot illustrates the integration of the Visual Designer and the Submissions and Job Status feature in SAS Studio.

Visual Designer: On the left, the Visual Designer interface is shown. It includes a toolbar with options like Options, View, Start Page, Design, and JSON. A magnifying glass icon highlights the "Control Library" section, which contains a list of controls such as Common (Check Box, Color Picker, Date and Time Picker, Drop-down List, File or Folder Selector, List, Link, Numeric Stepper, Option Table, Radio Button Group, Section, Text, Text Area, Text or Numeric Field) and Data (Column Selector, Input Table, New Columns, Output Table). Below the Control Library is a canvas area with a placeholder message: "Add controls to the canvas to build your insp." The status bar at the bottom shows "DoorData Analysis (edit) [empty]" and "Recover (S) Submission (D) 11".

Unified submission and job status tab: A large circular callout highlights the "Submissions and Job Status" tab in the top navigation bar. This tab provides a unified view for monitoring and managing jobs. It includes a filter section for "Filter names" and "Run now", and a table listing job submissions and their details:

Name	Date Created	Created By
Job Definition	May 25, 2025, 06:13:30 AM	mechanic
Job Definition	May 25, 2025, 06:09:02 AM	mechanic
Job Definition	May 25, 2025, 06:47:48 AM	mechanic
Job Definition Deploy	May 25, 2025, 06:54:06 AM	mechanic
Job Definition with JSD...	May 25, 2025, 06:44:00 AM	mechanic
Job Definition with JSD...	May 25, 2025, 06:43:47 AM	mechanic
Job Definition with Par...	May 25, 2025, 06:24:12 AM	mechanic

The status bar at the bottom of the main window also displays "SAS Studio compute context" and "Launch".

LIVE DEMO

sas.com

Summary

- built on a modern framework
- faster & more intuitive
- search functionality
- upgraded table viewer
- flow features
- visual designer for job definitions
- job submission centrally
- impact analysis (since 2025.09)

Links

SAS Studio home page

https://www.sas.com/en_us/software/studio.html

SAS Studio documentation

<https://support.sas.com/en/software/studio-support.html>

Communities, articles, webinars,...

<https://github.com/sassoftware/sas-viya-quick-start>

Faster, Smarter, More Intuitive: SAS Studio 2025.06 Stable Release

https://www.sas.com/en_us/webinars/what-makes-new-sas-studio-game-changer.html



Vielen Dank!

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