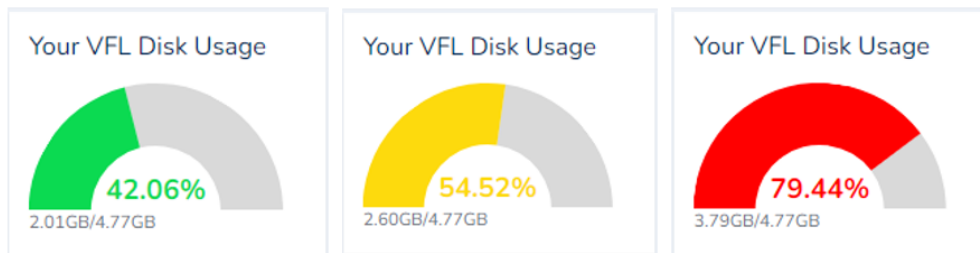


# SAS Viya for Learners (VFL): Individual User Data Upload

- **Reference SAS Communities Video: SAS Viya for Learners Individual Data Upload: Watch and Try!** (<https://communities.sas.com/t5/SAS-Communities-Library/SAS-Viya-for-Learners-Individual-Data-Upload-Watch-and-Try/ta-p/901388>)  
*Note: Some screen-shots in the video may appear slightly different than what you see on your screen*
- **VFL supports the ability for an individual academic users in VFL 3.5 to upload data into their Home directory in SAS Studio for use in SAS Studio, SAS Visual Analytics (VA), and Jupyter.**
  - **Individual User Data Upload** (*data is not shared*); only the individual user can view and access the data. Other VFL users cannot see or access the data that is in the user's Home directory.
  - **File Size limits in individual user's Home directory in VFL**
    - 5 GB: Network File System (NFS) storage max per user (on Home directory)
    - 100 MB: File size limit per file
    - *Note: If 'Home' directory fills up across Shared Storage, ALL users could be blocked from accessing their individual 'Home' directory*
  - **File Quota Gauge for the Individual User's Home Directory Usage in VFL**
    - Gauge is located on the VFL Launch Page (<https://vle.sas.com/vfl>)
    - Gauge displays the file usage in the user's Home directory (up to 5 GB) (*see below*)
    - NOTE: the Gauge changes color based on the level of usage:
      - Displays **'GREEN'**: Less than 50% usage
      - Displays **'YELLOW'**: 50% - 75% usage
      - Displays **'RED'**: More than 75% usage



**SAS Viya for Learners**

Dashboard / Courses / SAS Viya for Learners

Launch SAS Viya for Learners using the button below. Bookmark this page and return here each time you launch SAS Viya for Learners.

**SAS Viya for Learners 3.5** [Launch] [More Info] [Data Upload Instructions (PDF)]

**SAS Viya for Learners Data Repository** [Access Now]

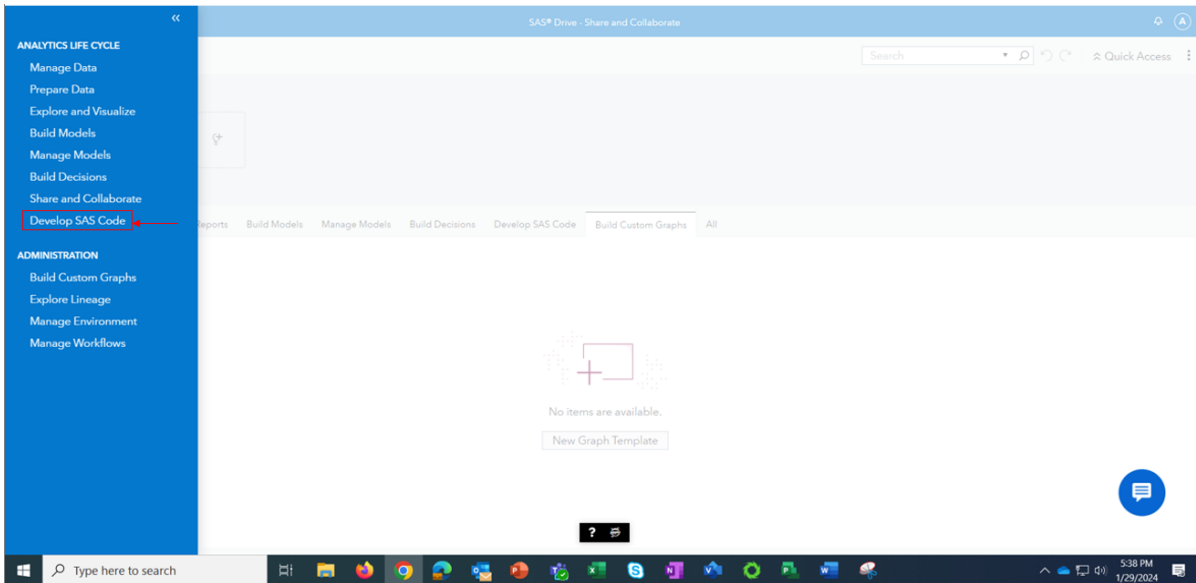
Your VFL Disk Usage: 0.00GB/4.77GB (22%)

**Important Information**

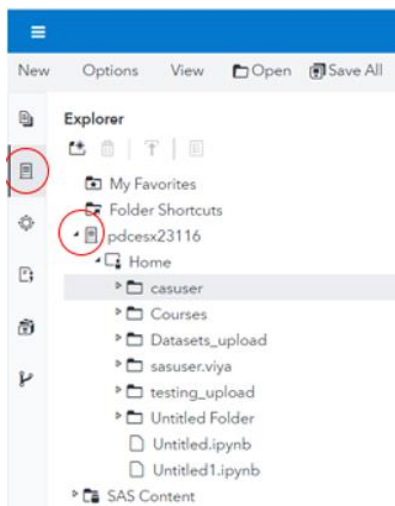
- Autotuning is disabled in SAS Viya For Learners. The software will return an error when a user requests autotuning.
- Viya for Learners is a shared resource. To maintain resources for all users, inactive accounts may be deleted. Inactive users will be given 30 days notice prior to deletion and should log in to Viya for Learners to maintain access.
- Use Chrome, Firefox, or Safari to access SAS Viya For Learners.
- SAS Viya for Learners may be unavailable every 3rd weekend of the month from Friday at 8pm ET to Sunday at 2pm ET while we apply enhancements.

# Instructions for Individual User Data Upload

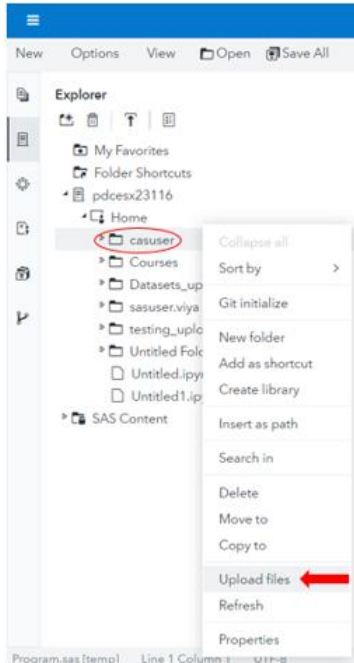
- Upload Data set/files from the VFL user's 'Local' drive to casuser in the user's 'Home' directory in SAS Studio
  - Using your SAS Profile, log in and launch SAS Viya for Learners 3.5 from the VFL launch page: <https://vle.sas.com/vfl>



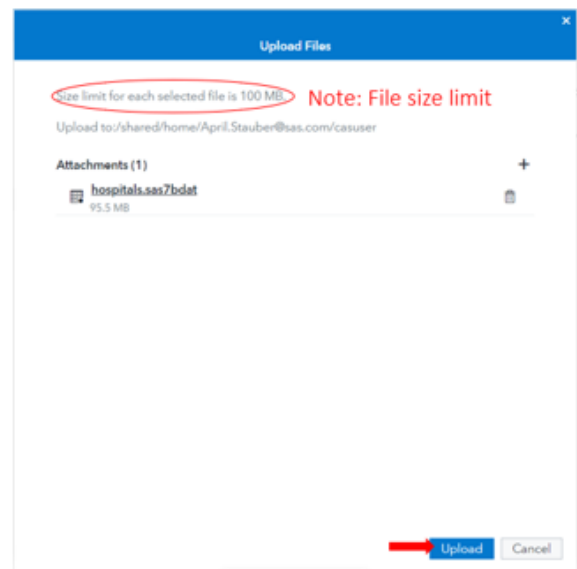
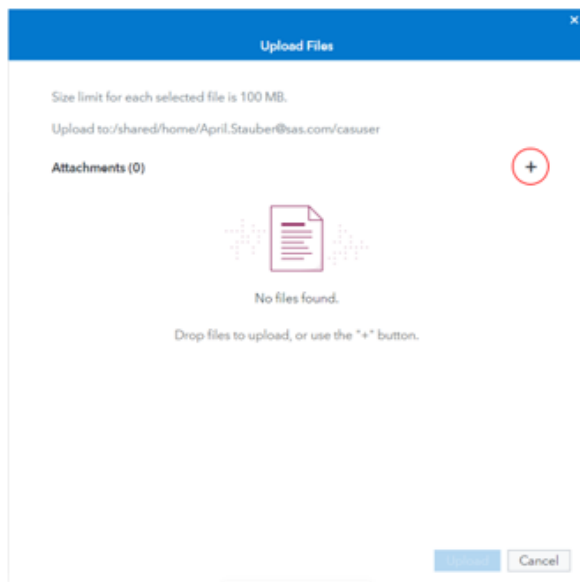
- If it is not already selected, click the **Explorer tab** in the left bar of SAS Studio. Then click the triangle to the left of the file directory icon --it will have a name beginning with **pdcesx**.



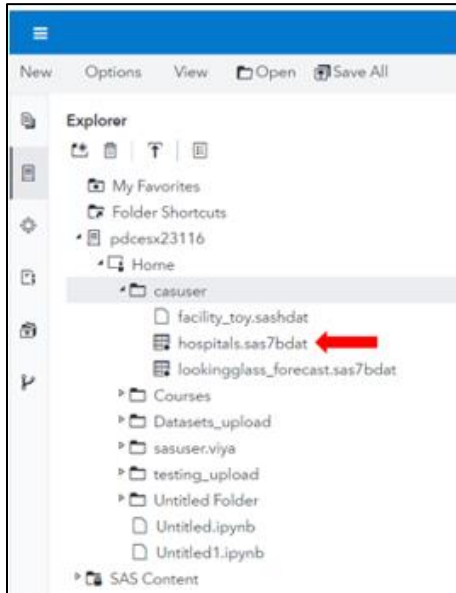
- Right-click **casuser**, and then click **Upload Files**. Do not create a subset folder under **casuser**; instead **upload the file directly under casuser**.




- A dialogue box will open. Click the **(+) plus icon** on the right, browse/select the file(s) on your Local drive that you want to upload.
  - **Recommended format for Data Set is: .sas7bdat, .sashdat or .csv file in UTF-8 format.**
  - **Other formats (.xlsx; txt; etc) are not supported at this time**
- Add the file(s) as attachments to the dialogue box. Click **Upload** to upload the file(s) to **casuser** in the **'Home' directory** in SAS Studio

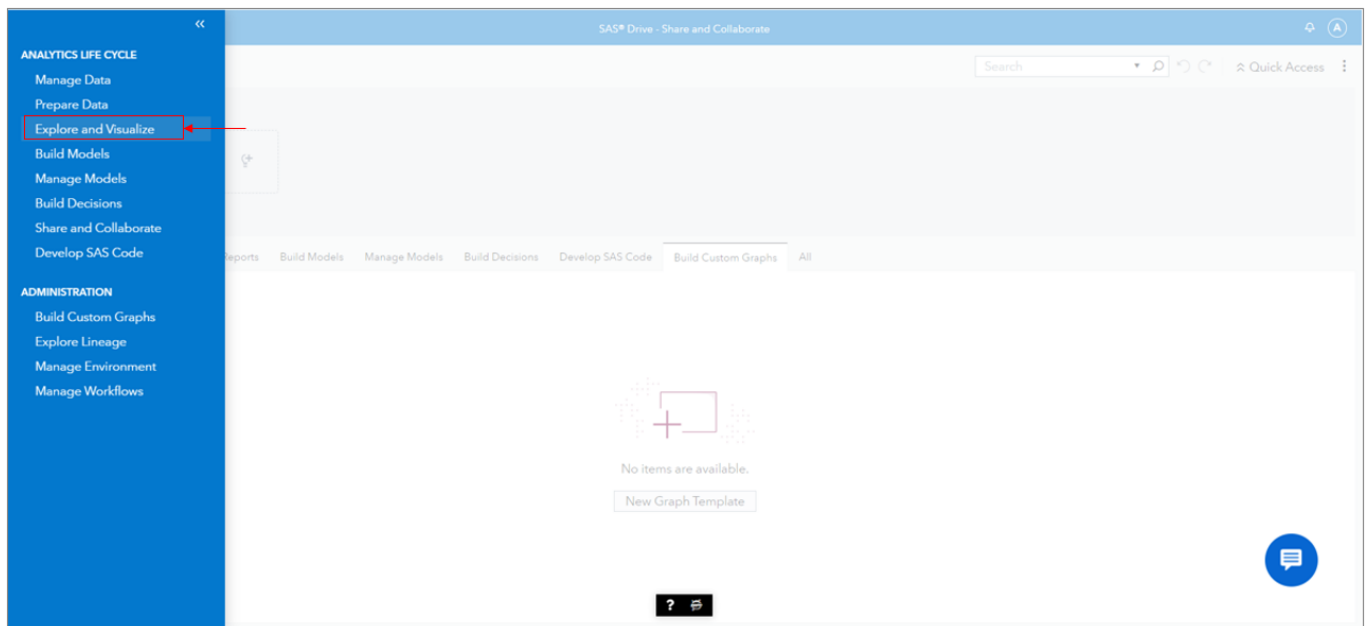


- **Data set/file(s)** are now available in **casuser** in the 'Home' directory in SAS Studio in VFL.

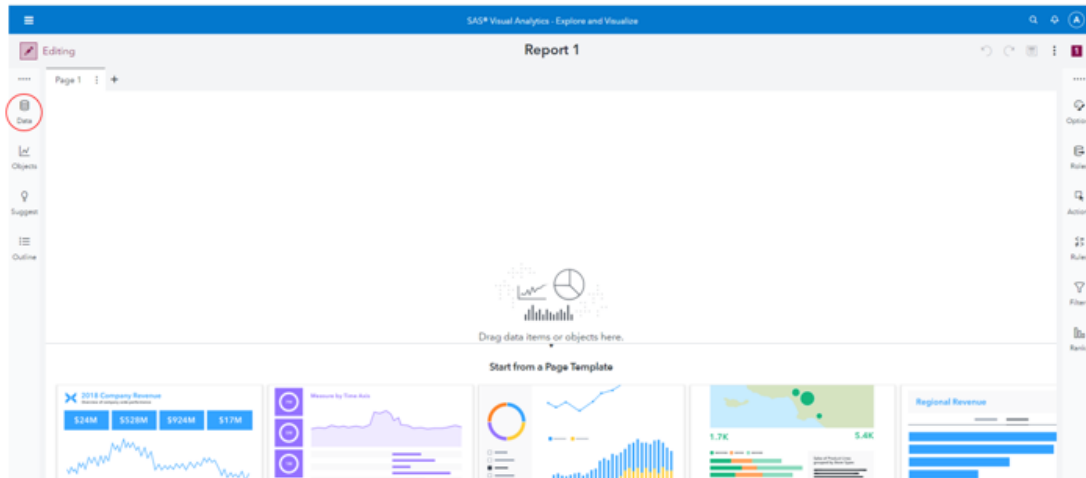


- **Access the Data set/file in SAS Visual Analytics (VA) in VFL, and load into Memory**

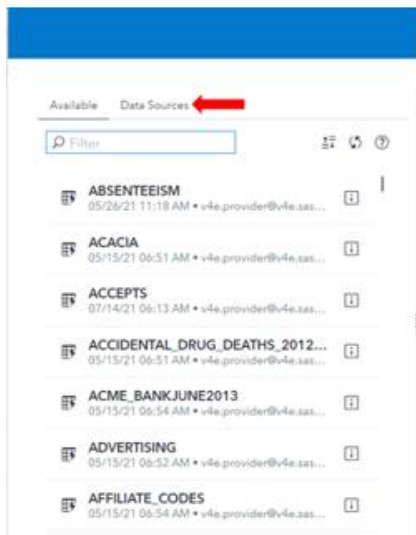
- Access SAS Visual Analytics (VA) in VFL by clicking the Applications menu  in the upper-left corner and select **Explore and Visualize**.



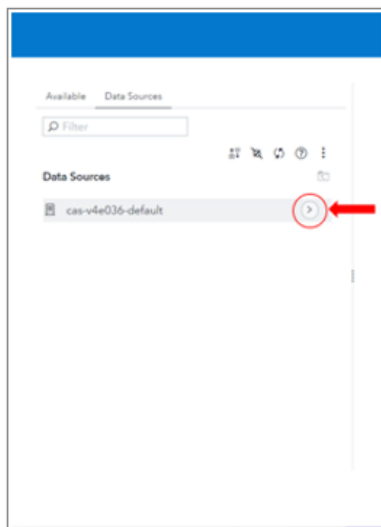
- In SAS VA in VFL, click on the **Data icon** on the left bar.



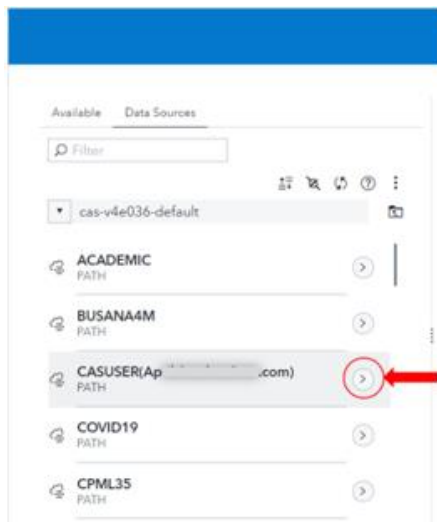
- A dialogue box will open. Click **Data Sources**.



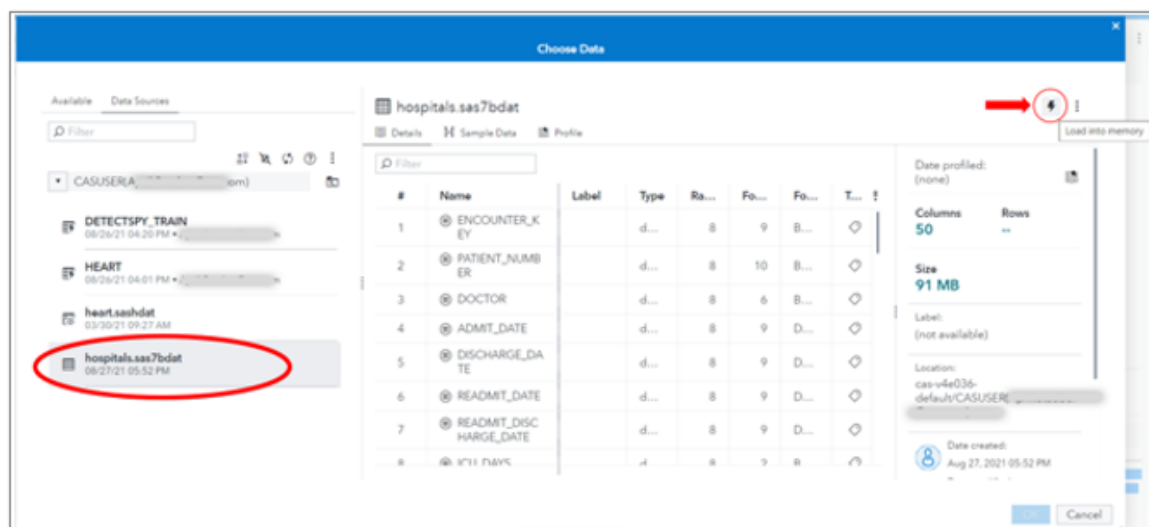
- Click on the **drop-down arrow** on the **cas server**



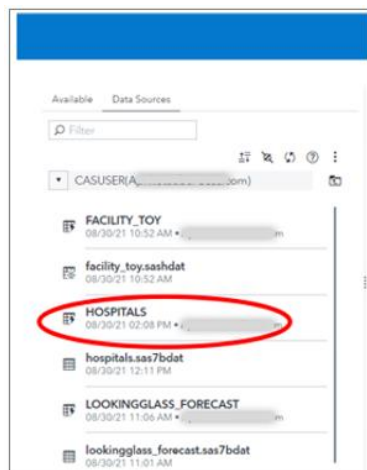
- Click on the **drop-down arrow** > on **CASUSER**.



- Highlight the **data set/file(s)** in **CASUSER** in SAS VA in VFL. Then click on the ⚡ icon to load the file into memory.

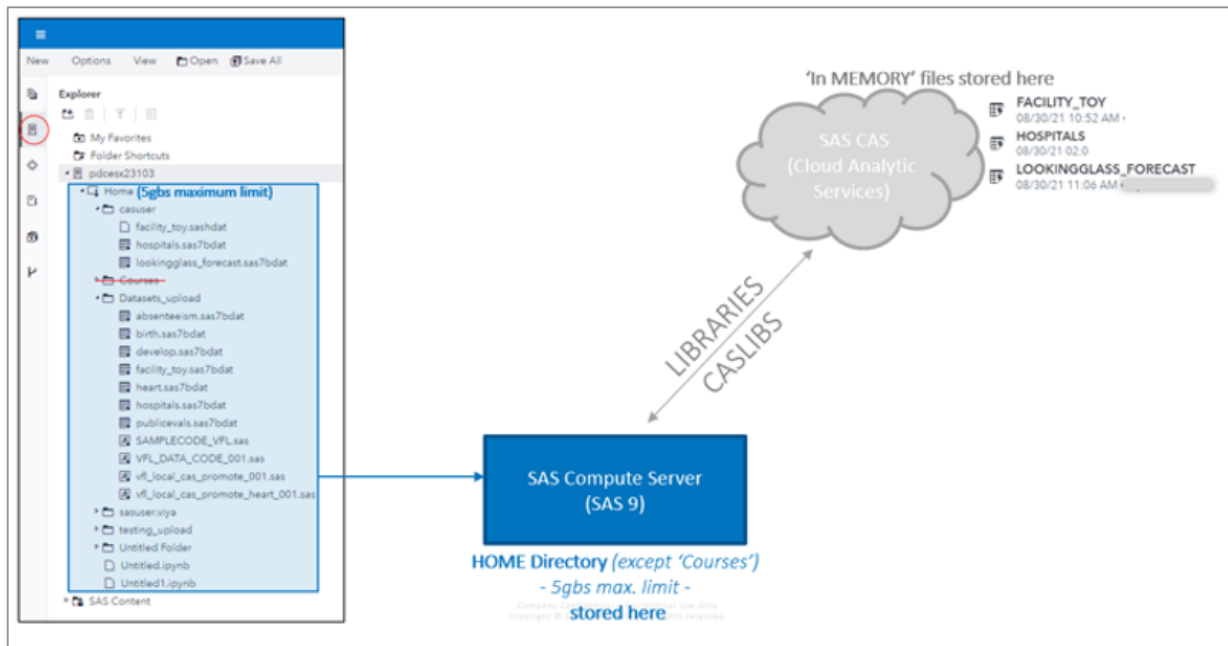


- **Data set/file** is now available in **Memory** in **CASUSER** in SAS VA in VFL.

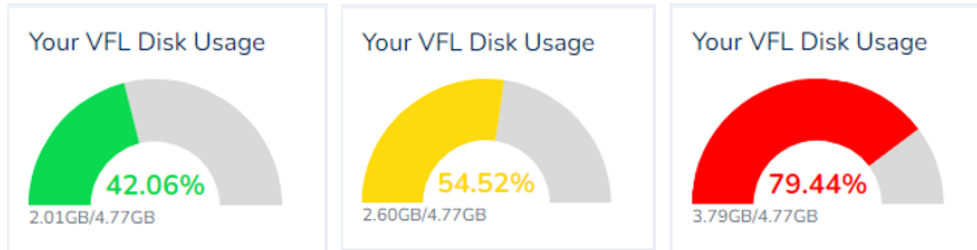


# Content Clean-up in SAS Studio and Visual Analytics in Viya For Learners (VFL)

- **What happens when I reach the 5 GB maximum limit in my Home directory?**
  - You will need to remove some Content (Data files or Program files) from your Home directory, so that you can continue to use SAS Studio and VFL.
- **How much Individual Data Storage am I allotted in my Home directory in VFL, and how do I clean-up my Content so that I do not reach my 5 GB maximum limit?**
  - It is important to clean-up the data sets and program files that you have uploaded in your Home directory when those files are no longer needed to avoid over-burdening the system and reaching the maximum limit.
  - **Individual user's Home directory in SAS Studio in VFL**
    - **5 GB:** Network File System (NFS) storage max per user (on Home directory)
    - NFS storage on the Home directory includes:
      - All existing or created folders/files in the **Home directory in SAS Studio** (excluding 'Courses' folder)
      - Files saved in Memory in VA are NOT counted toward the 5 GB maximum limit
    - *Note: If 'Home' directory fills up across Shared Storage, ALL users could be blocked from accessing their individual 'Home' directory*

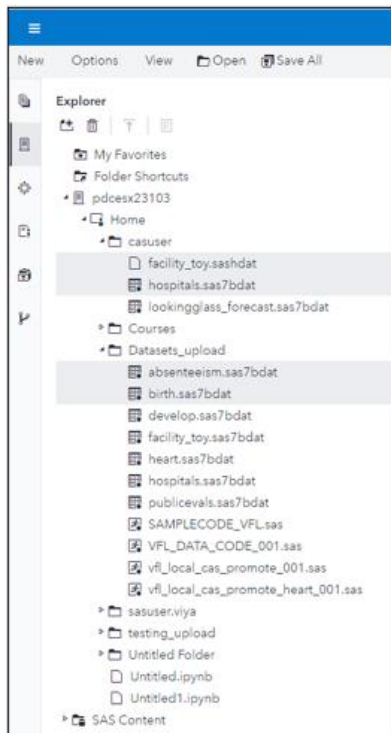


- **File Quota Gauge for the Individual User's Home Directory Usage in VFL**
  - Gauge is located on the VFL Launch Page (<https://vle.sas.com/vfl>)
  - Gauge displays the file usage in the user's Home directory (up to 5 GB) (*see below*)
  - NOTE: the Gauge changes color based on the level of usage:
    - Displays 'GREEN': Less than 50% usage
    - Displays 'YELLOW': 50% - 75% usage
    - Displays 'RED': More than 75% usage



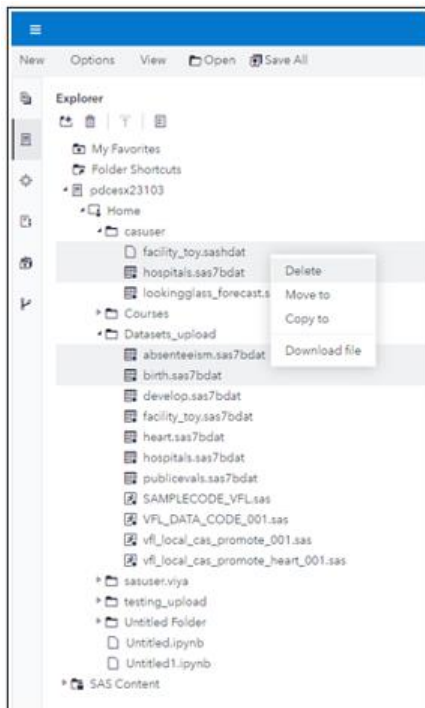
- **How to Clean-up/delete data sets and program files in SAS Studio in VFL?**

- Highlight the **data set/file(s)** -- while holding down the **Ctrl key**, click the individual **files** in the **Home directory** (in folders and casuser) **to be deleted**.



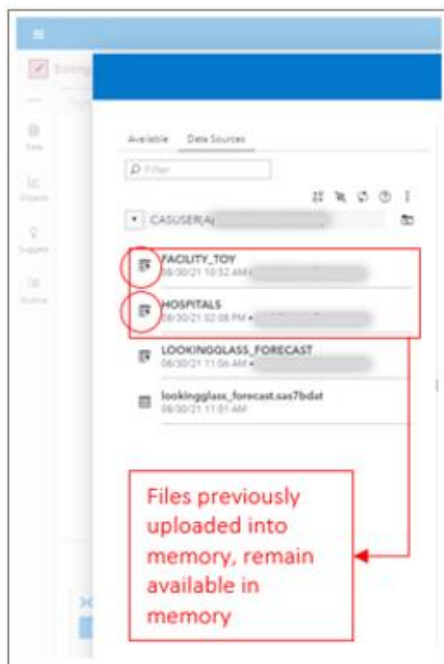


- Right-click the highlighted files, then click **Delete**.



- Once deleted, the data sets and programming files will no longer be available in the Home directory of SAS Studio and will no longer count against the 5 GB limit.
- Once data sets/files have been deleted in **casuser** in your **Home directory** in **SAS Studio**, those files will also **no longer be available in SAS Studio or VA**; HOWEVER, those files that were previously uploaded into memory in **VA**, will remain available in VA.\*

*\*Though the files in memory in VA are not calculated as part of the 5gb Home directory maximum limit, we do also recommend deleting the files in memory in VA when no longer needed.*



- **Will SAS ever delete my Content?**

- SAS has the right to remove any Content at any time.
- In order to maintain SAS Viya for Learners system resources, including storage and in-memory resources, SAS may remove content from SAS Viya for Learners, as needed, during scheduled maintenance and clean-up processes.