Project Based Learner Series

Data Wrangling and Descriptive Statistics

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Global Academic Programs

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Project Based Learner Series

Meet the Instructors

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Rachel McLawhon

Jackie Johnson

Tom Grant

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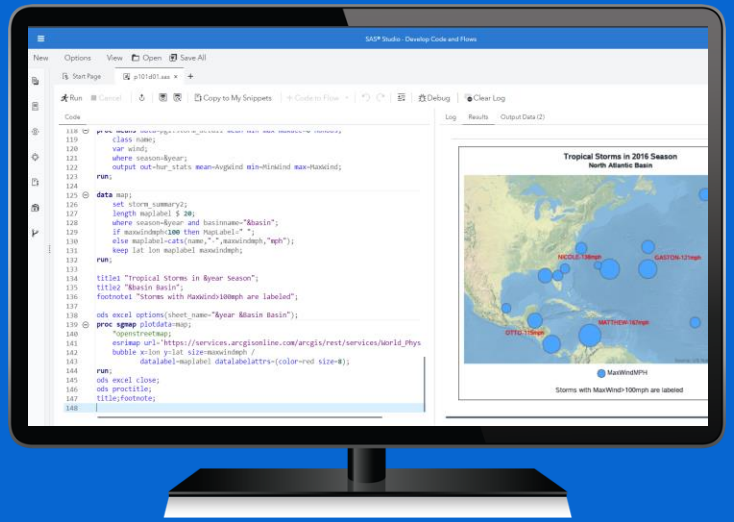
SAS Studio

Development Environment



SAS Studio provides users with the ability to

- Use data processing, graphing, and analysis
- Interact with a point-and-click interface to SAS that writes programs automatically.
- Write SAS programs, which consist of commands in the form of DATA steps and PROC (or procedure) steps.

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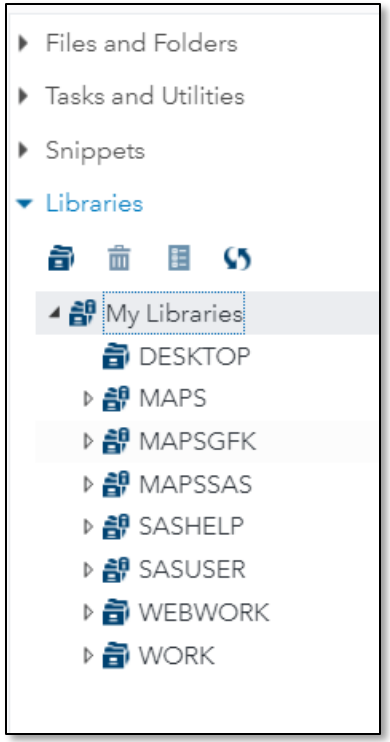
Libraries in SAS Studio



At the start of a SAS session, there are already a few predefined libraries available. Two of these libraries include:

- SAS Help Library
  - includes sample data for use
- Work Library
  - houses temporary data sets
  - contents deleted at the end of the SAS session

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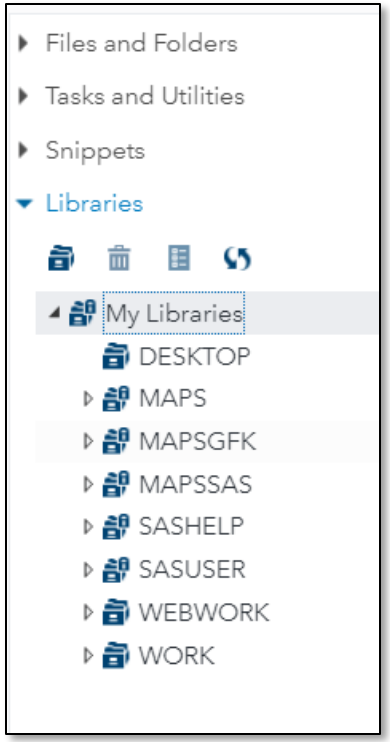
Guidelines for Libraries



When creating a library, there are a few naming conventions that must be followed. Library names must

- have an eight-character maximum
- start with a letter or underscores
- continue with letters, numbers, or underscores.

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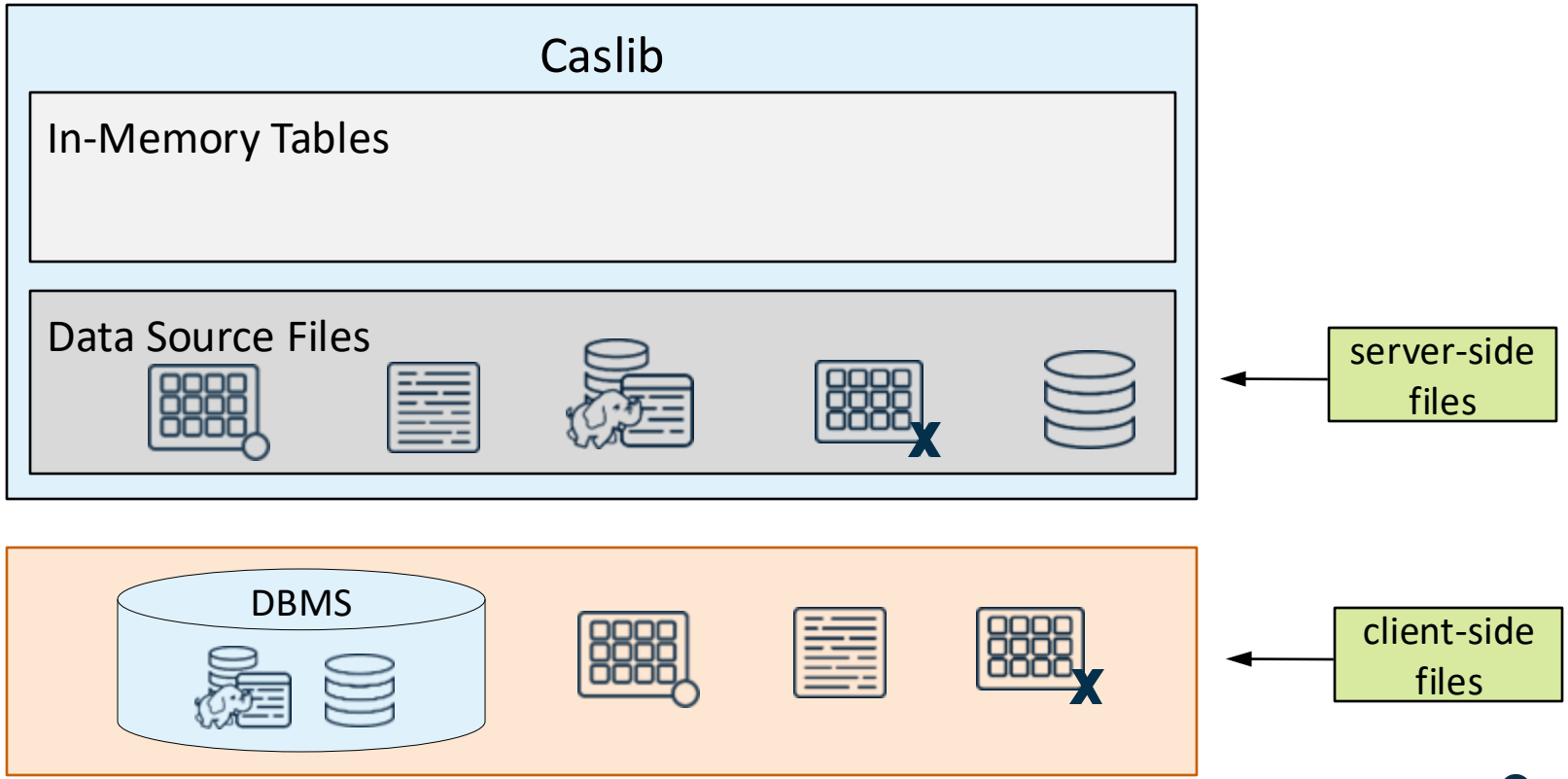
Available Data Files



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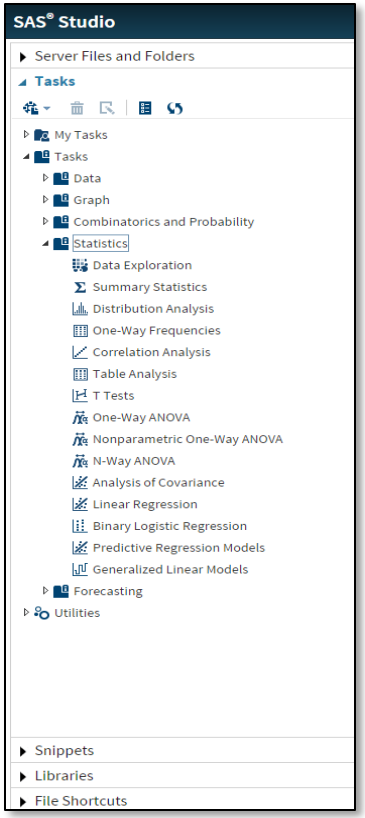
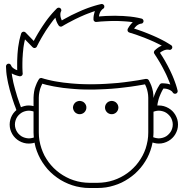
What Is a Task?



A task is a specific type of analysis, report, or data manipulation that you can perform against data in a project.



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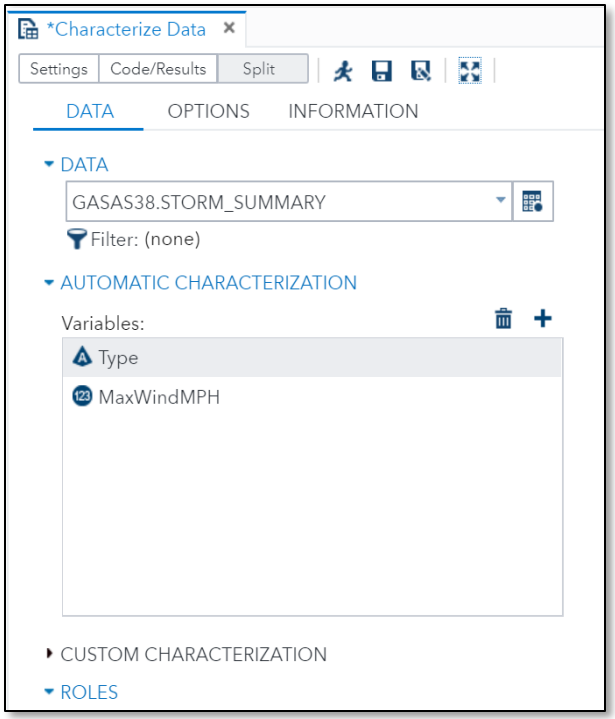
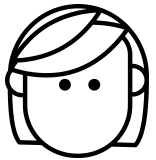
Characterize Data Task



Creates a summary report of tables and graphs to describe the variables



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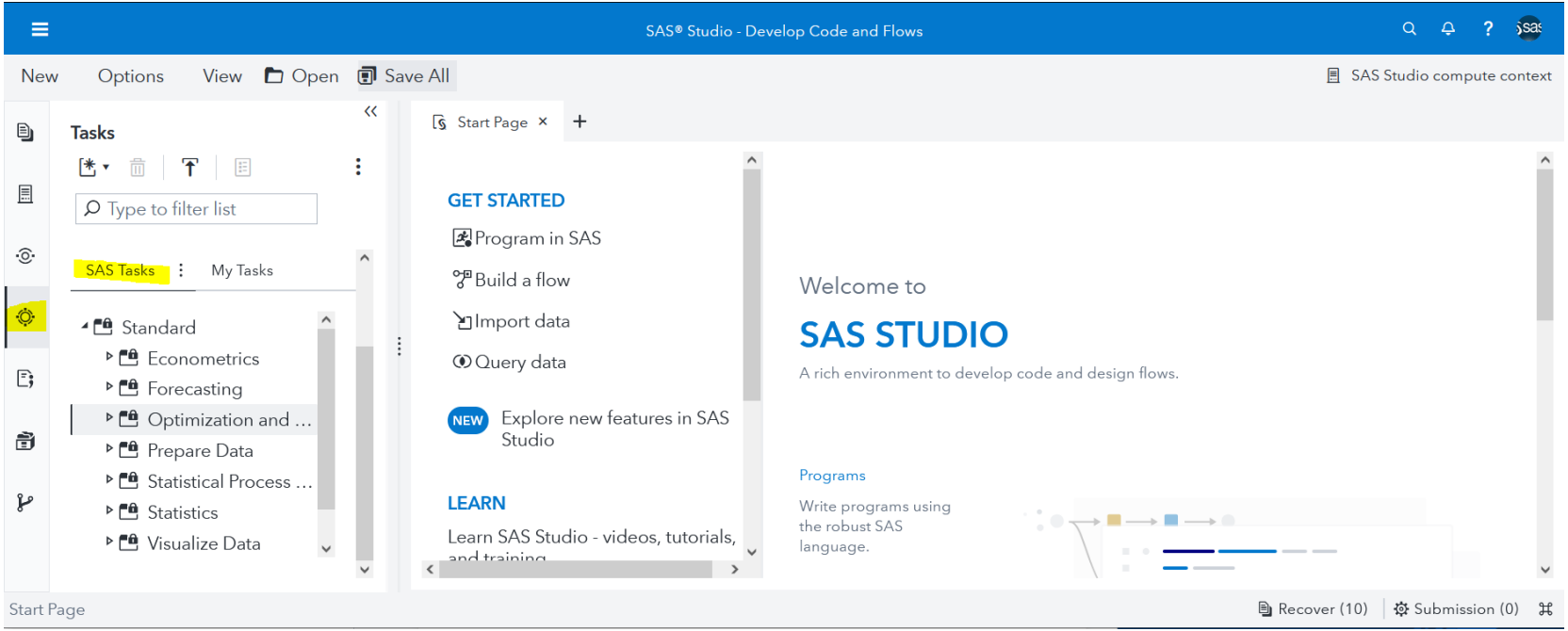
Let’s take a look at what’s available in SAS Viya for Learners
SAS Studio



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Demo

Tasks in SAS Studio

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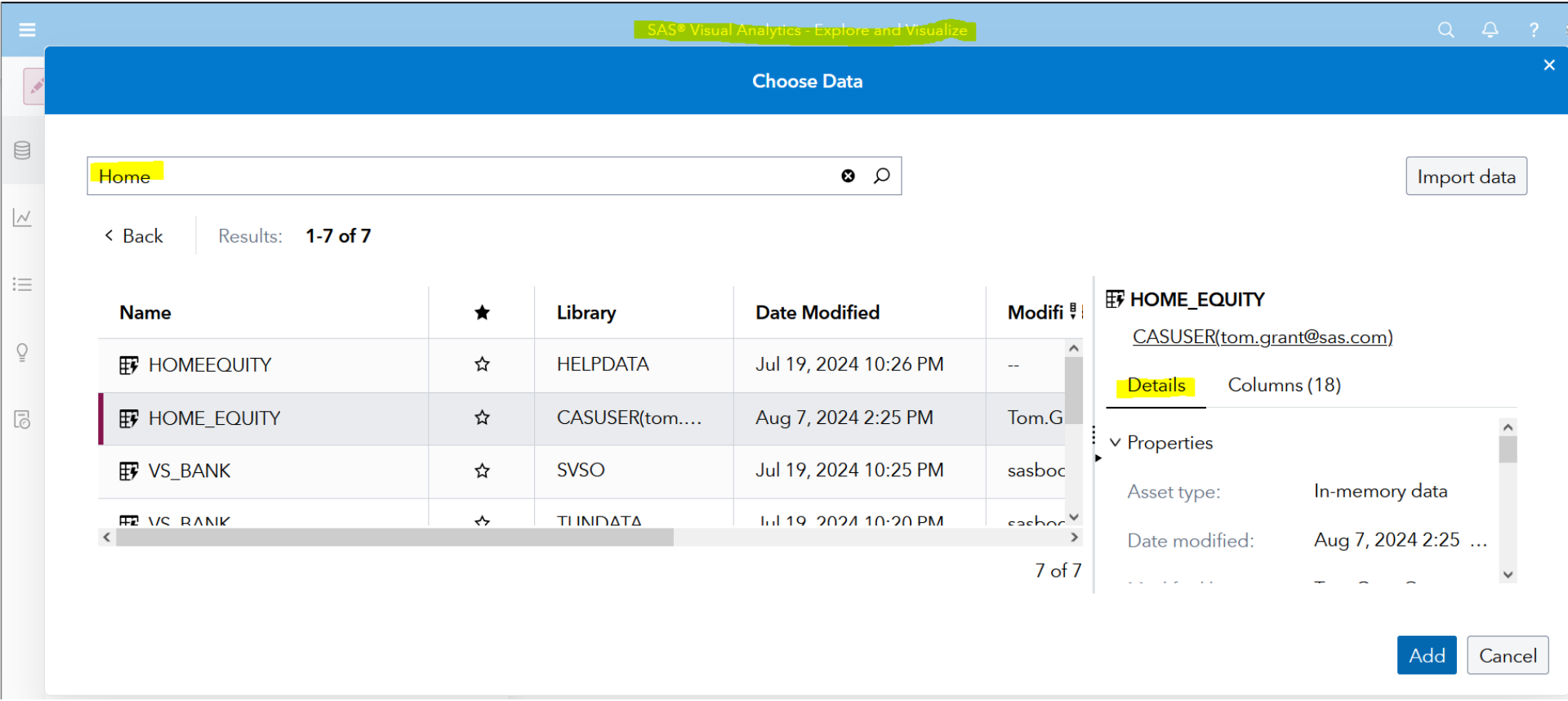
Let’s take a look at what’s available in SAS Viya for Learners
Visual Analytics



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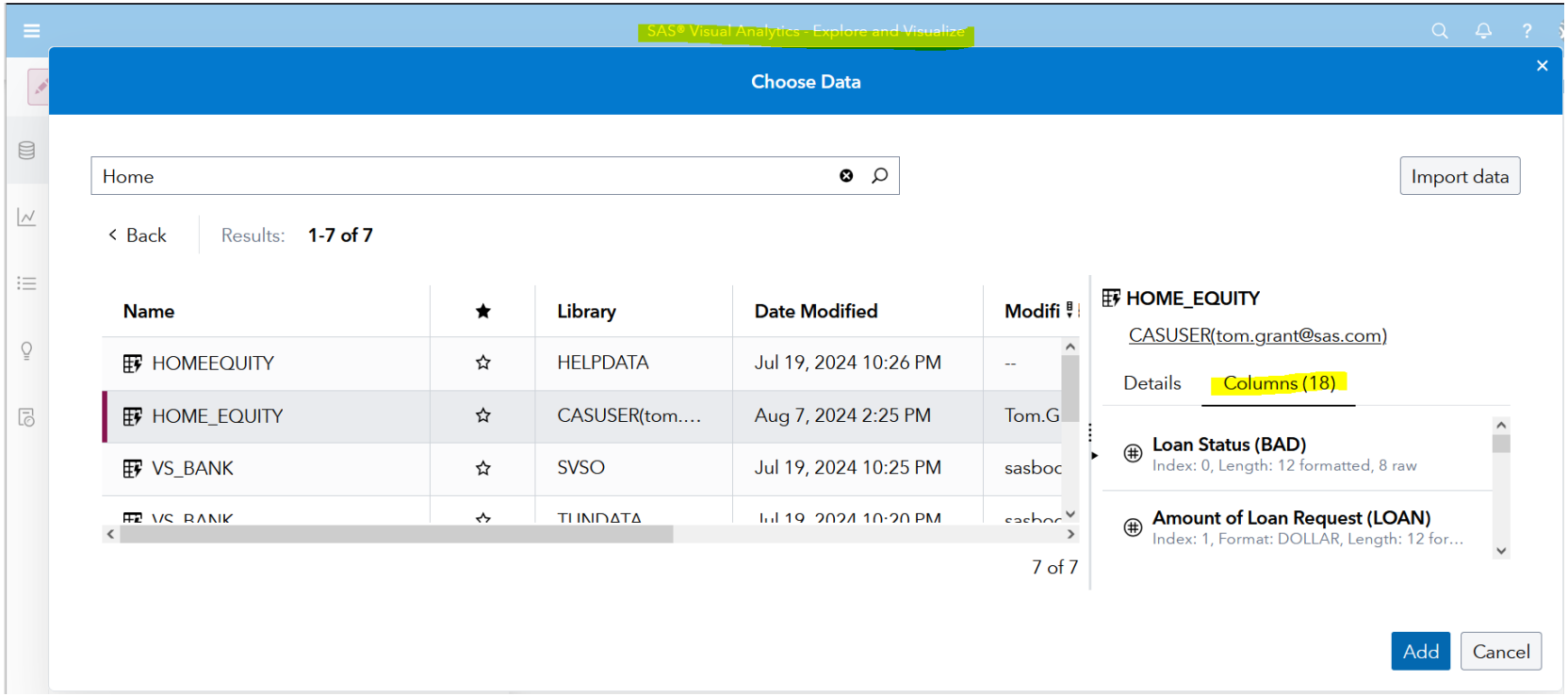

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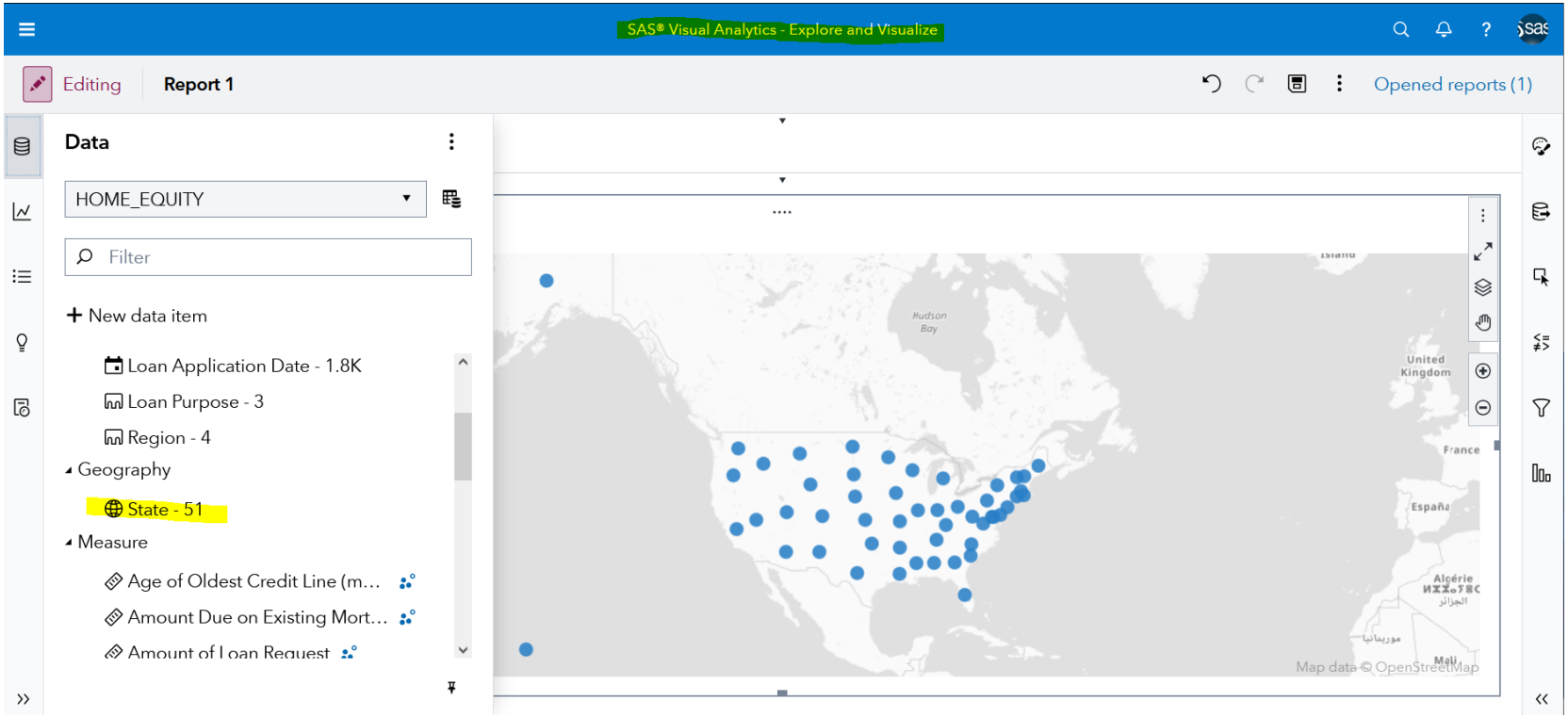

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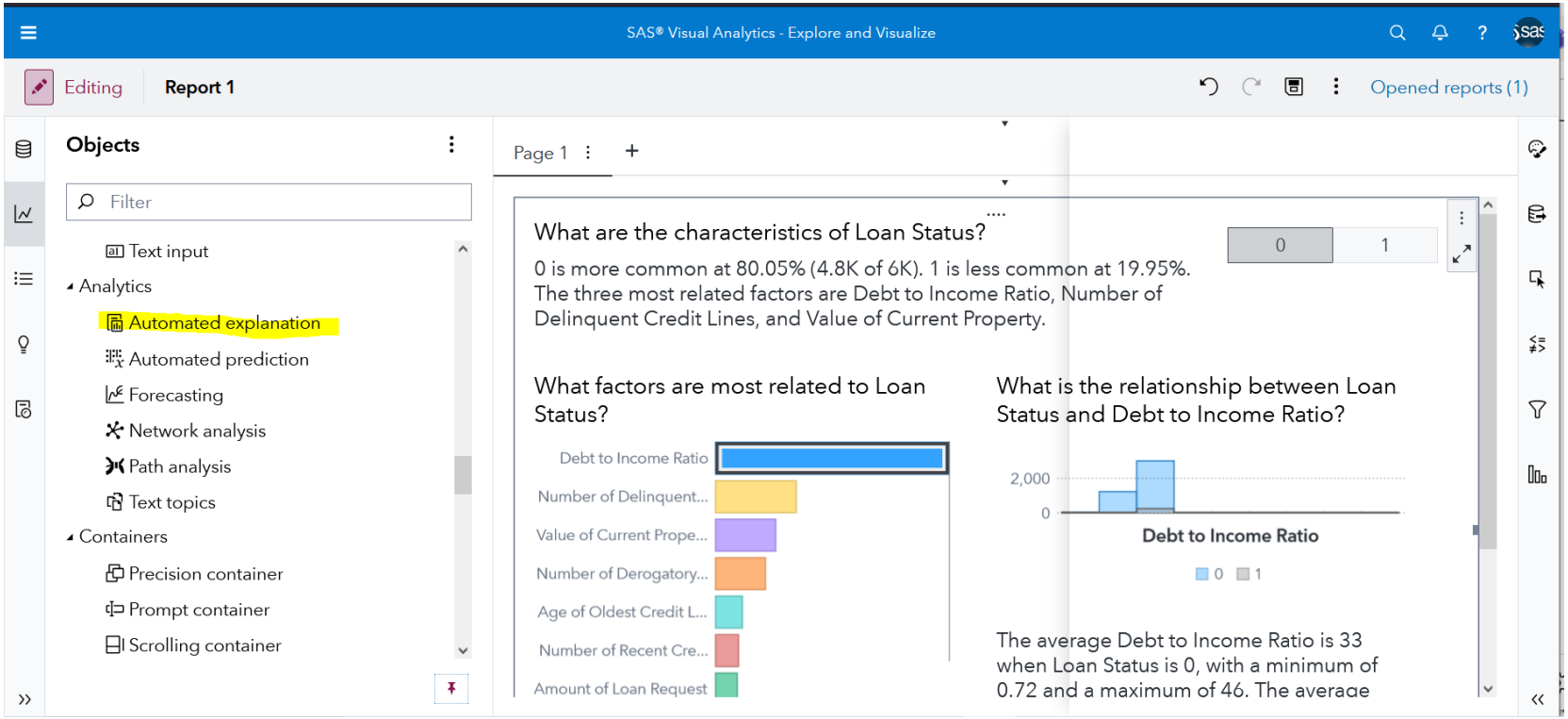

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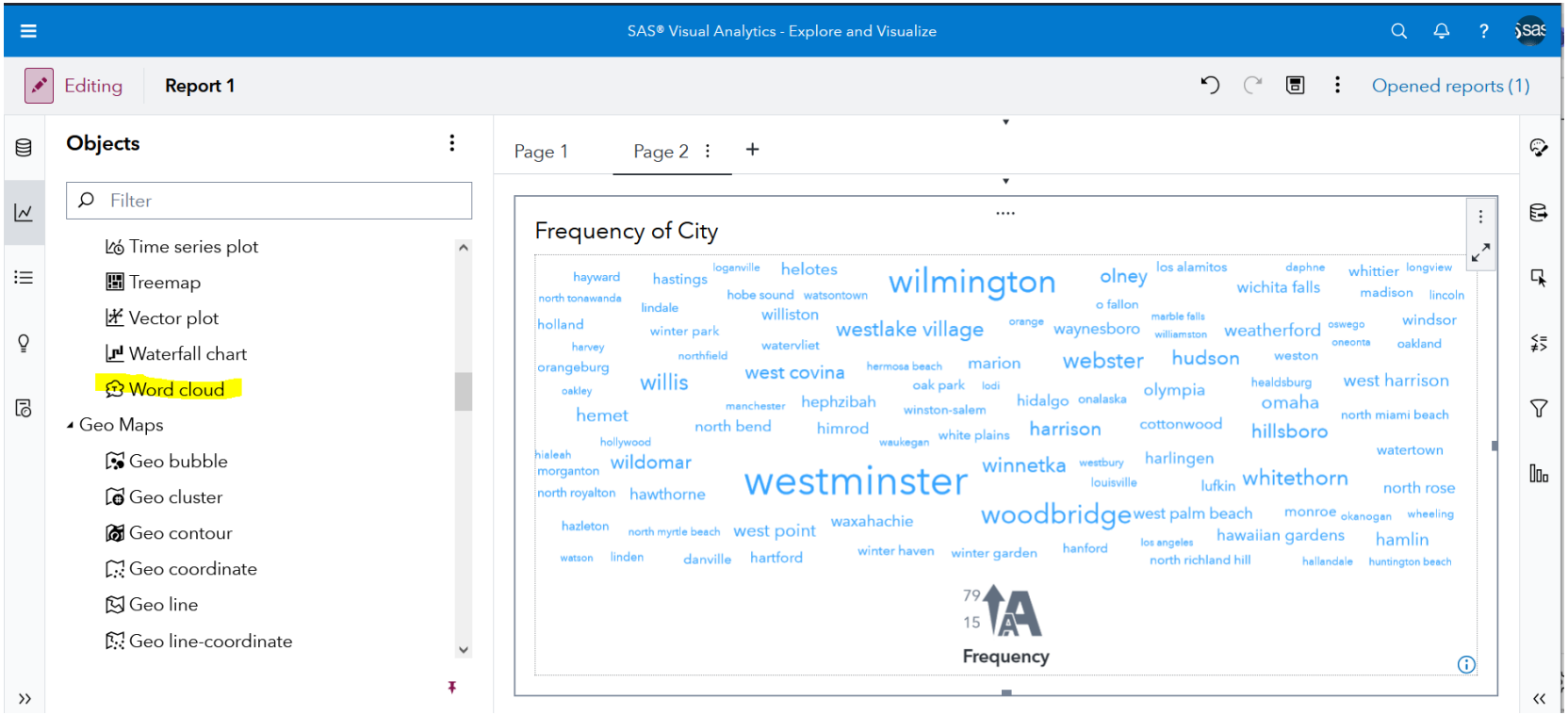

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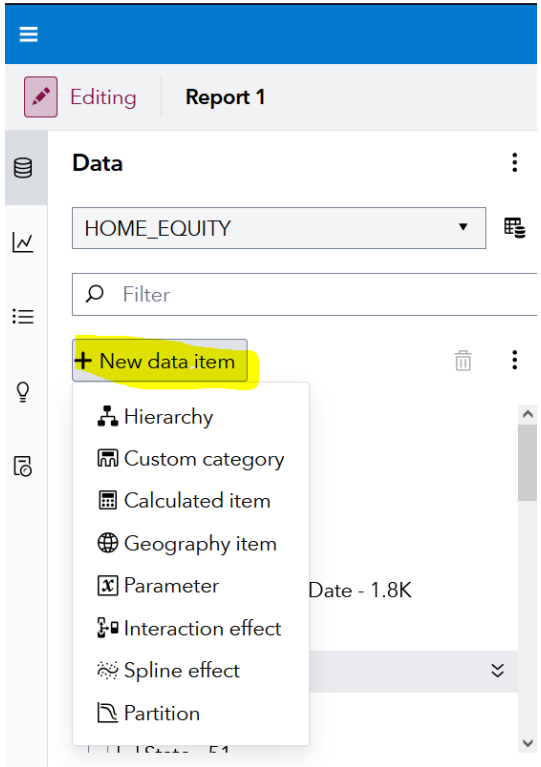

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Demo

Visual Analytics

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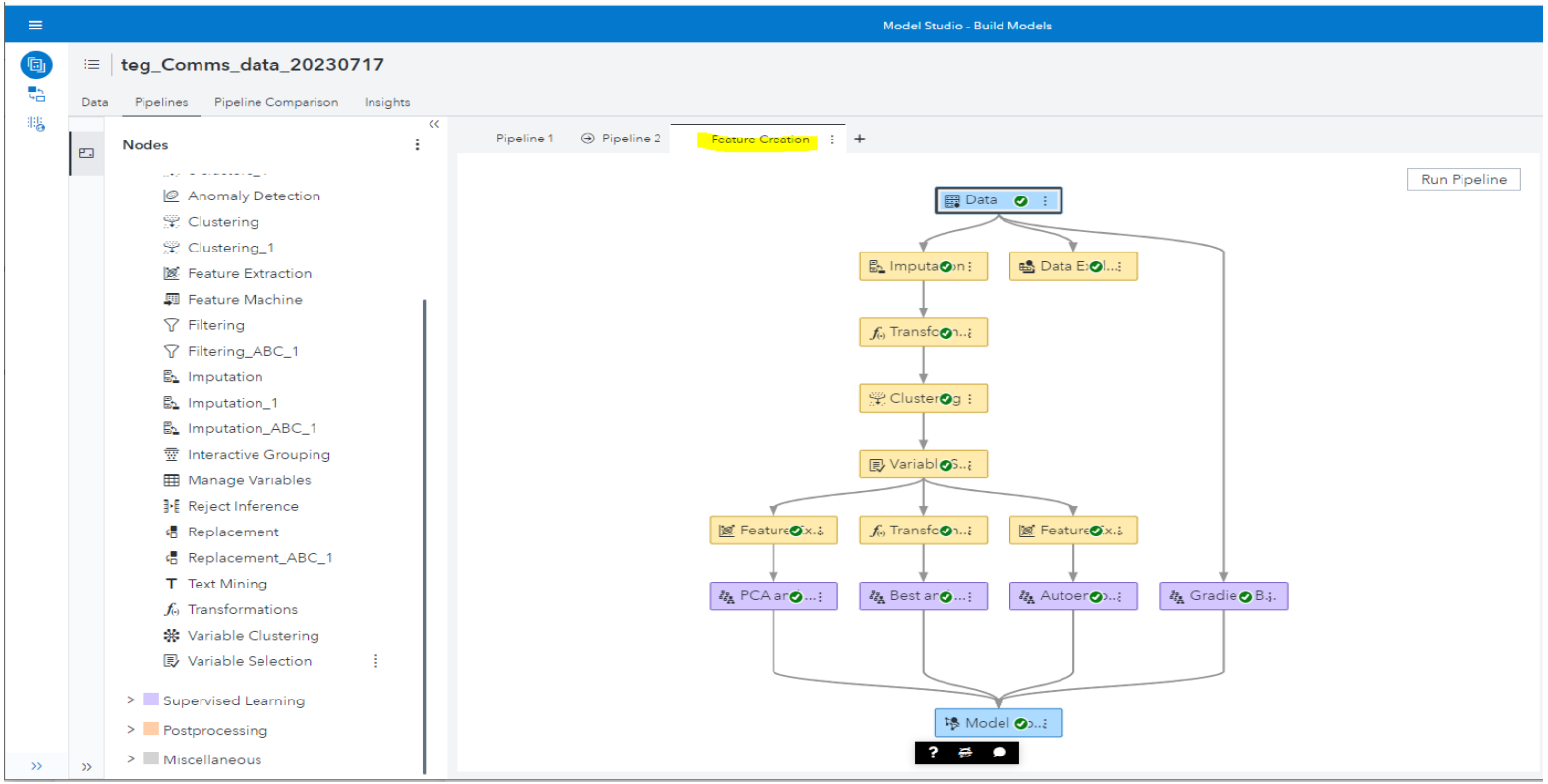
Let’s take a look at what’s available in SAS Viya for Learners
Model Studio



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Demo

Model Studio

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Discussion

How comfortable are YOU with letting a “computer” decide when and how to manipulate your data??

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See you next time!

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