

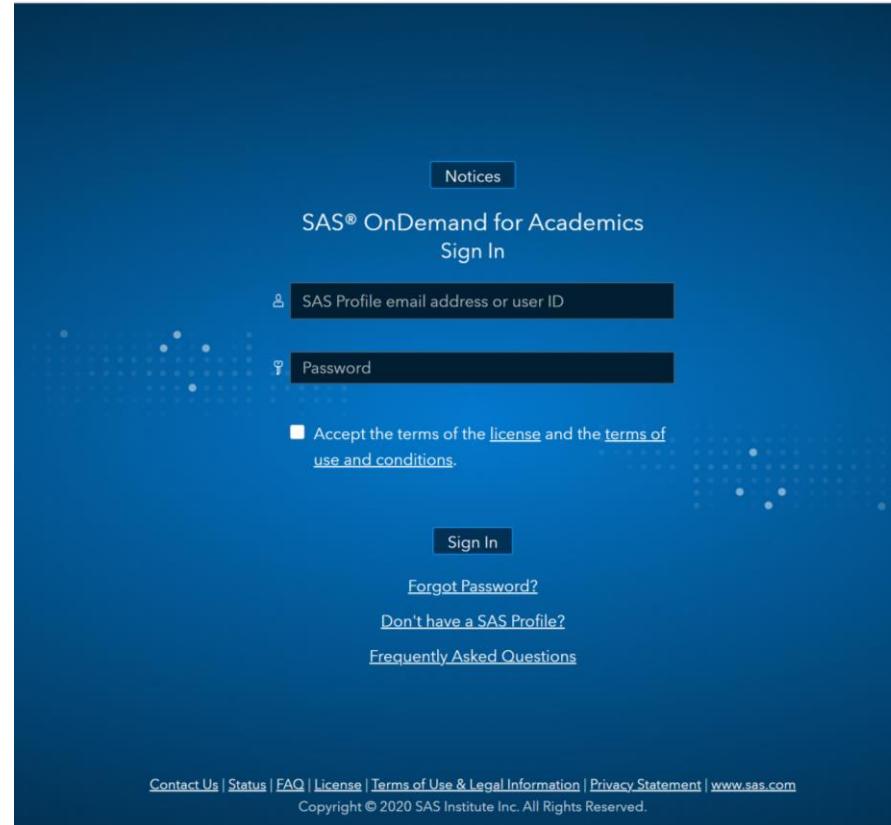
# ANLT5070

## Unit 1 Assignment 1 Tutorial



# Access the SAS OnDemand for Academics Control Center

<https://odamid.oda.sas.com/SASODAControlCenter>



# SAS OnDemand for Academics (SODA) Control Center

The screenshot shows the SAS OnDemand for Academics (SODA) Control Center dashboard. At the top right, there are links for "United States" and a user profile for "Stefanie Reay". The main title is "SAS® OnDemand for Academics Dashboard". Below the title, there are two tabs: "Planned Events" and "Notices", with "Planned Events" being the active tab. A navigation bar at the top has three tabs: "Applications", "Enrollments", and "Courses", with "Applications" being the active tab. The main content area displays five application cards:

- SAS® Studio**: Write and run SAS code with a Web-based SAS development environment. Actions: [Clear my saved tabs](#).
- SAS® Enterprise Guide®**: Deliver the power of SAS from an easy-to-use, point-and-click interface. ([Download Required](#))
- SAS® Enterprise Miner™**: Reveal valuable insights with powerful data mining software. ([Configuration Steps Required](#)) Actions: [Clear my project locks](#).
- SAS® Forecast Studio**: Generate large numbers of high-quality forecasts automatically. ([Configuration Steps Required](#)) Actions: [Manage your personal environment](#).
- JMP® Software access to SAS® hosted servers**: Statistical discovery software. Users must have a copy of JMP® software. ([Configuration Steps Required](#))

On the right side, there is a "Reference" section with links to "Support Site", "Step-by-Step Reference Guides", and "Frequently Asked Questions". Below that is a "Quotas" section showing usage statistics for Home Directory and Course Directory.

At the bottom, there is a link to "Other Ways to Access SAS® OnDemand for Academics Resources".



# Data in the SAS OnDemand for Academics environment

- To upload data for use in the SAS OnDemand for Academics environment, you must upload it through SAS Studio
- Once you upload the files in SAS Studio, they will be accessible through SAS Studio, SAS Enterprise Guide, and SAS Enterprise Miner



# Click on “SAS Studio” to start SAS Studio

The screenshot shows the SAS OnDemand for Academics Dashboard. At the top, there is a navigation bar with a home icon, "United States", and a user profile for "Stefanie Reay". Below the navigation bar, the title "SAS® OnDemand for Academics Dashboard" is displayed. There are two tabs at the top right: "Planned Events" and "Notices", with "Planned Events" being the active tab. A horizontal menu bar below the title includes "Applications", "Enrollments", and "Courses", with "Applications" being the active tab. The main content area displays five application cards:

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- SAS® Enterprise Guide®**: Deliver the power of SAS from an easy-to-use, point-and-click interface. ([Download Required](#))
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On the right side of the dashboard, there is a "Reference" section with links to "Support Site", "Step-by-Step Reference Guides", and "Frequently Asked Questions". Below that is a "Quotas" section with two progress bars: "Home Directory (46.5MB/5120MB)" at 1% and "Course Directory (207.0MB/3072MB)" at 7%.

At the bottom of the dashboard, there is a link "Other Ways to Access SAS® OnDemand for Academics Resources".

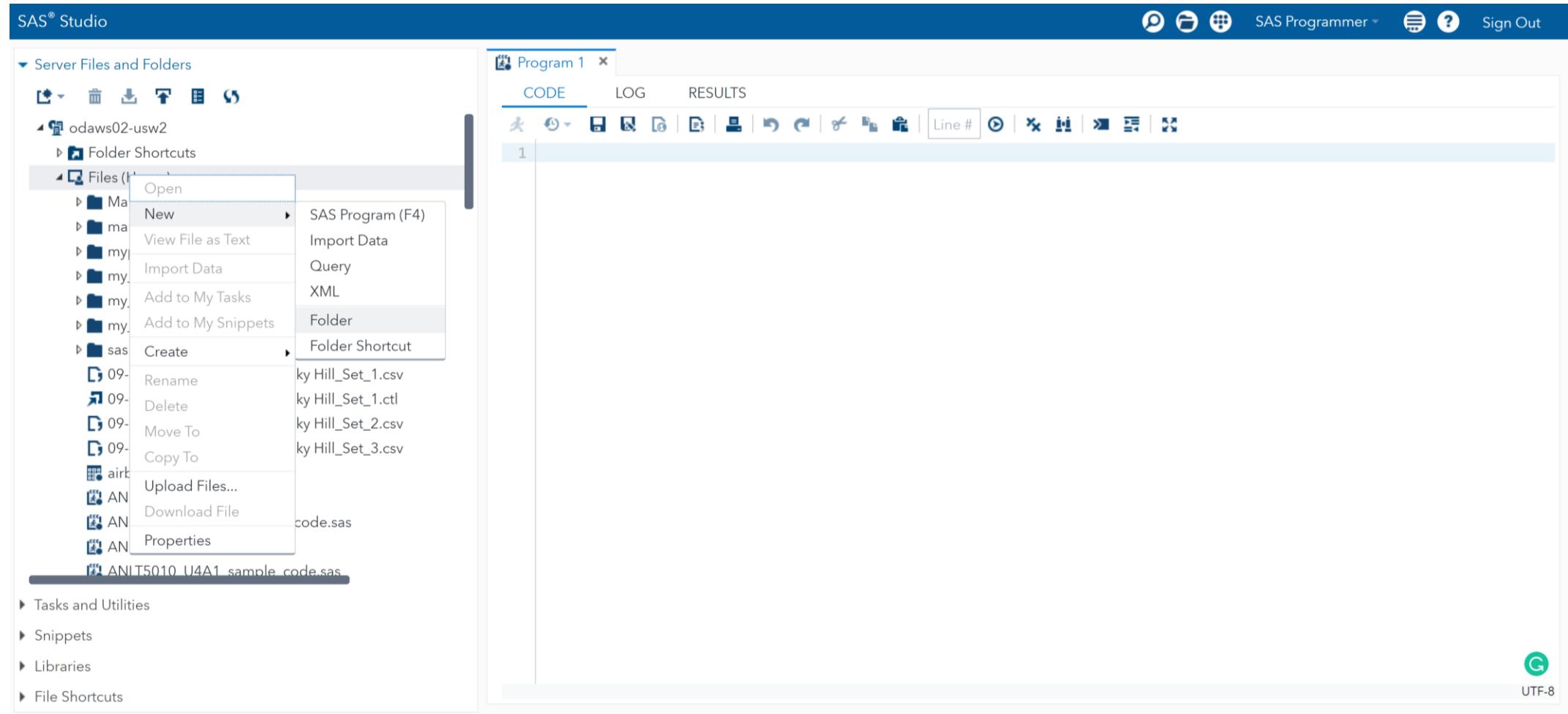


Click on “Files (Home)” to make the upload button appear in dark blue.

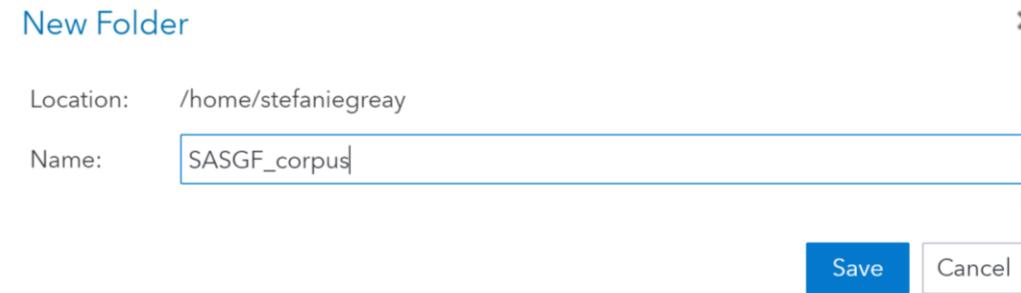
The screenshot shows the SAS Studio interface. On the left, there is a sidebar titled "Server Files and Folders" which includes options like "Tasks and Utilities", "Snippets", "Libraries", and "File Shortcuts". Below this, under "Server Files and Folders", there is a tree view showing a folder structure: "odaws02-usw2" has "Folder Shortcuts" and "Files (Home)". The "Files (Home)" item is highlighted with a blue selection bar. The main workspace is titled "Program 1" and contains tabs for "CODE", "LOG", and "RESULTS". The "CODE" tab is active, showing a single line of code "1". The "RESULTS" tab is visible but empty. At the bottom right of the workspace, there is a green circular icon with a white letter "G" and the text "UTF-8". The top navigation bar includes icons for help, search, and connectivity, along with user information "SAS Programmer" and "Sign Out".



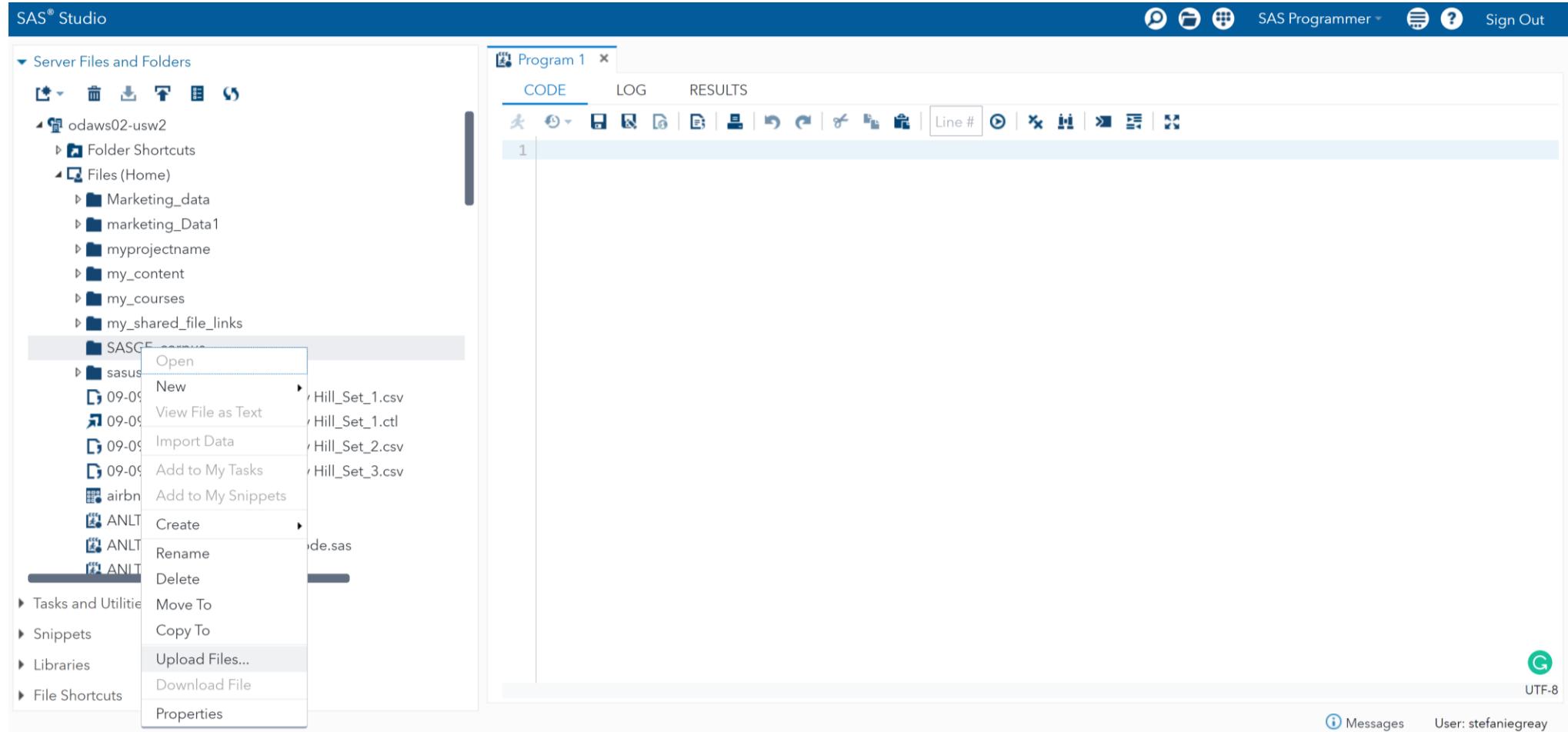
# Right click on “Files(Home)” and select “New” and then “Folder”



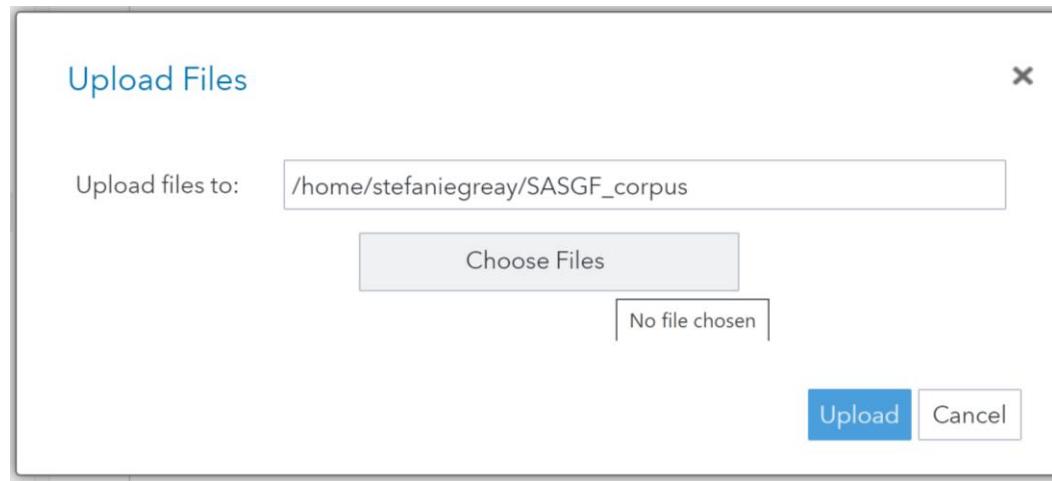
Type a name for your new folder, then click  
“Save.”



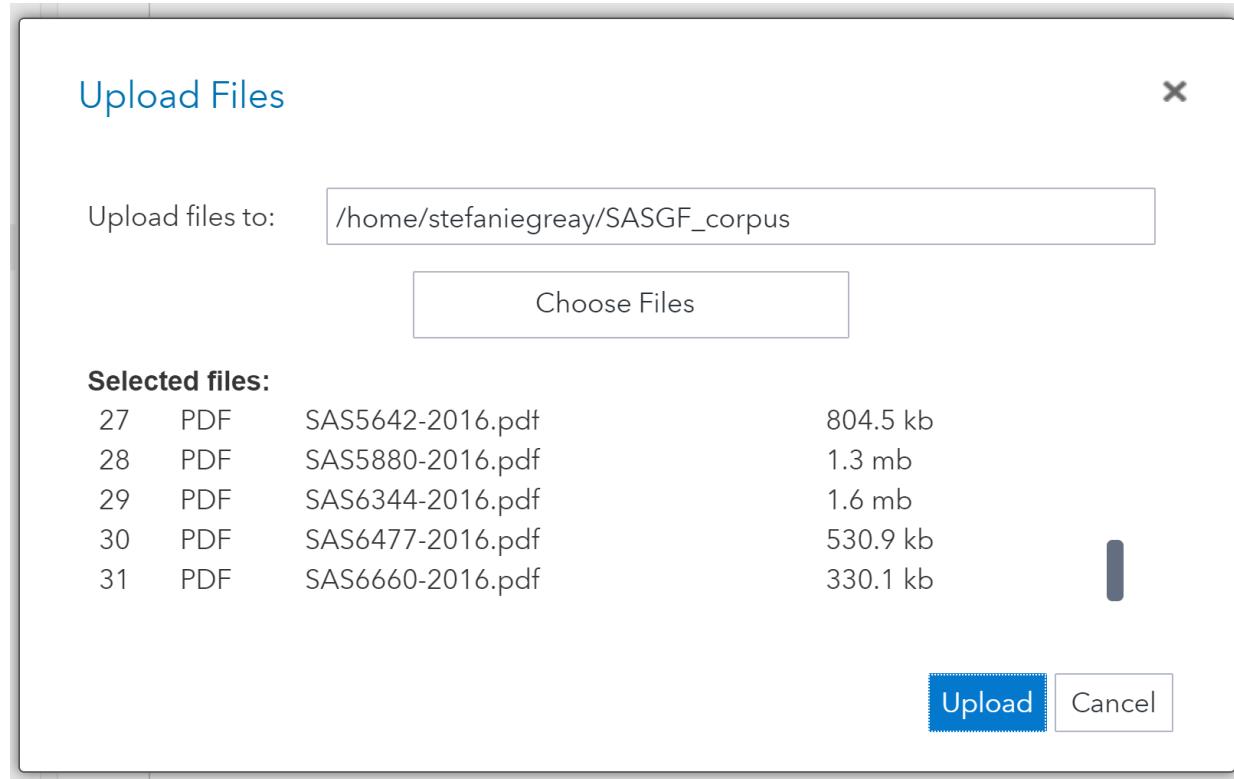
# Right click on your new folder, and choose “Upload Files.”



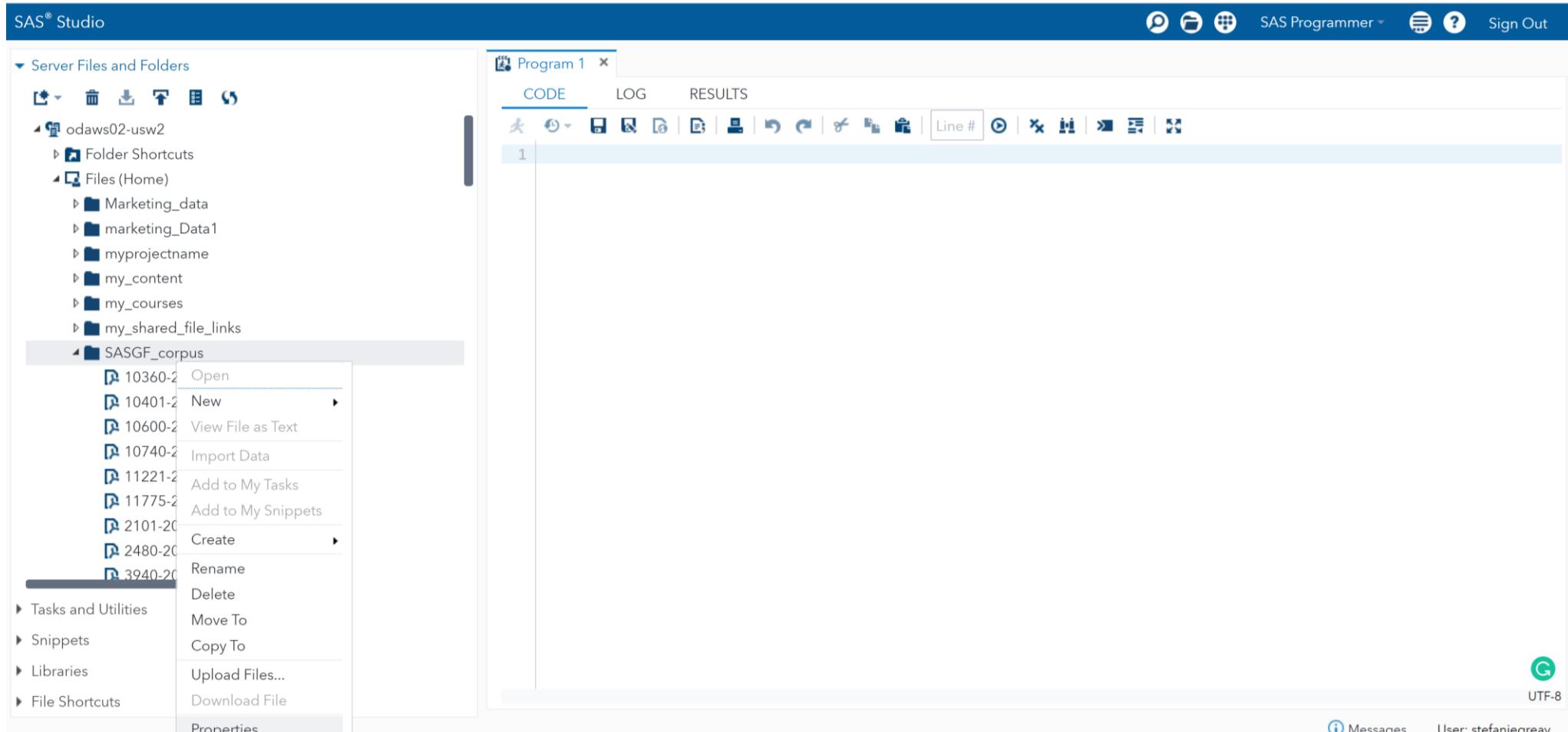
# Click “Choose Files.”



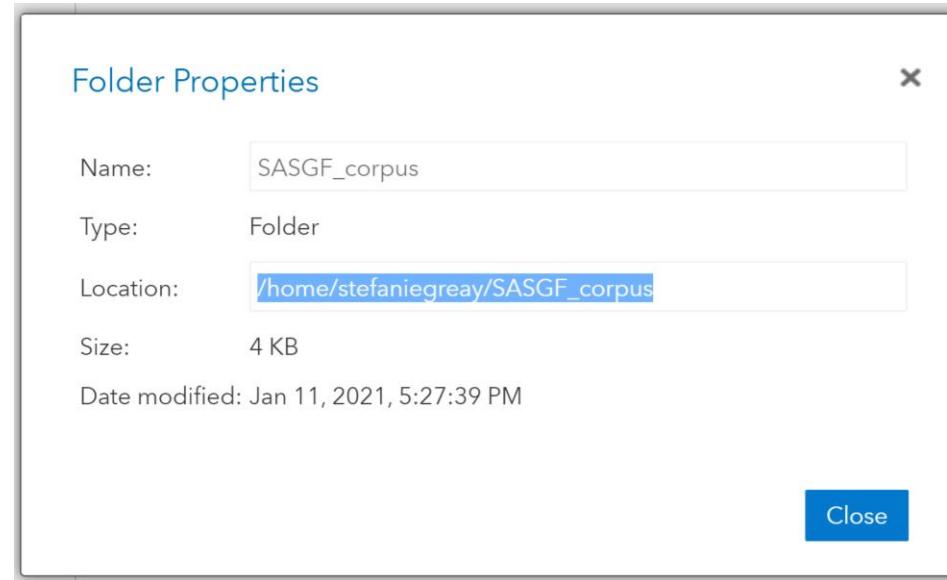
# Choose all 31 pdf files, and click on “Upload.”



# Right click on the new folder, and select “properties.”



Select and copy the folder location and save it to a text file (for use in the following steps), then click “Close.”



# Open SAS Enterprise Miner

- You have now uploaded the 31 pdf files to the SAS On Demand for Academics server and saved the folder location.
- The next step is to open SAS Enterprise Miner and access the data to start the text mining process.



# Click on SAS Enterprise Miner and then click “Keep”

The screenshot shows the SAS® OnDemand for Academics Dashboard. At the top right, there are links for "United States" and "Stefanie Reay". Below the header, there are tabs for "Planned Events" and "Notices". A navigation bar at the top has three tabs: "Applications" (which is selected), "Enrollments", and "Courses". The main content area displays five applications:

- SAS® Studio**: Write and run SAS code with a Web-based SAS development environment. Actions: [Clear my saved tabs](#).
- SAS® Enterprise Guide®**: Deliver the power of SAS from an easy-to-use, point-and-click interface. (Download Required)
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On the right side, there is a "Reference" section with links to "Support Site", "Step-by-Step Reference Guides", and "Frequently Asked Questions". Below that, there are "Quotas" sections for "Home Directory" (46.5MB/5120MB, 1% used) and "Course Directory" (207.0MB/3072MB, 7% used).

At the bottom left, there is a warning message: "This type of file can harm your computer. Do you want to keep main (3).jnlp anyway?". It includes "Keep" and "Discard" buttons. At the bottom right, there are "Show all" and "X" buttons.



# Click on “main.jnlp” to start validation and installation

The screenshot shows the SAS® OnDemand for Academics Dashboard. At the top, there's a navigation bar with the SAS logo, a dropdown for 'United States', a user profile for 'Stefanie Reay', and a dropdown menu. Below the header, the title 'SAS® OnDemand for Academics Dashboard' is displayed, along with 'Planned Events' and 'Notices' buttons. A horizontal menu bar has three tabs: 'Applications' (which is selected), 'Enrollments', and 'Courses'. The main content area lists five software applications with icons:

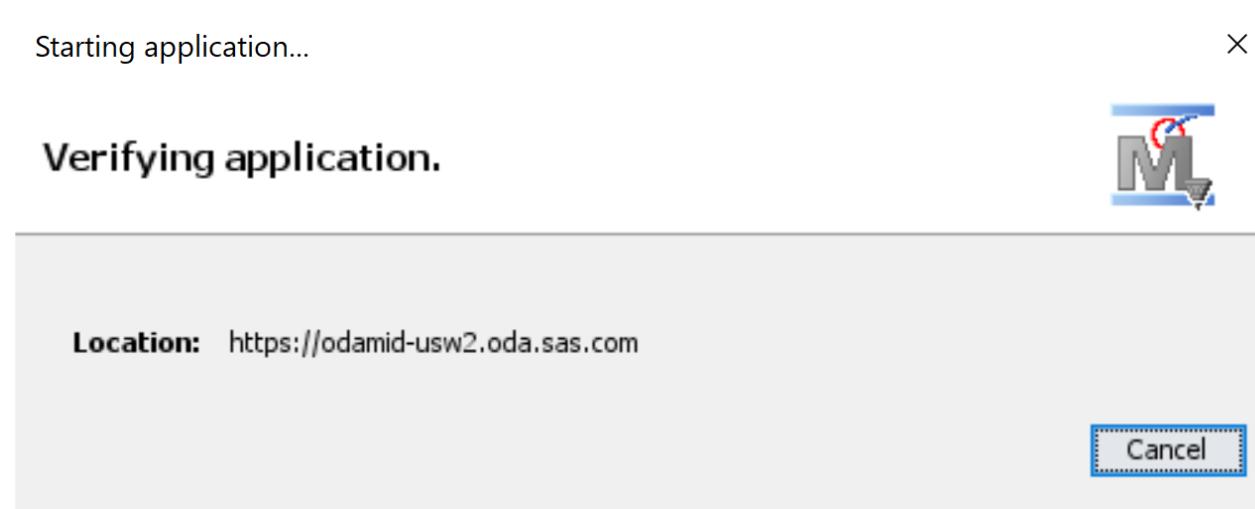
- SAS® Studio**: Write and run SAS code with a Web-based SAS development environment. Actions: [Clear my saved tabs](#).
- SAS® Enterprise Guide®**: Deliver the power of SAS from an easy-to-use, point-and-click interface. (Download Required)
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To the right, there's a 'Reference' section with links to 'Support Site', 'Step-by-Step Reference Guides', and 'Frequently Asked Questions'. Below that is a 'Quotas' section with two progress bars:

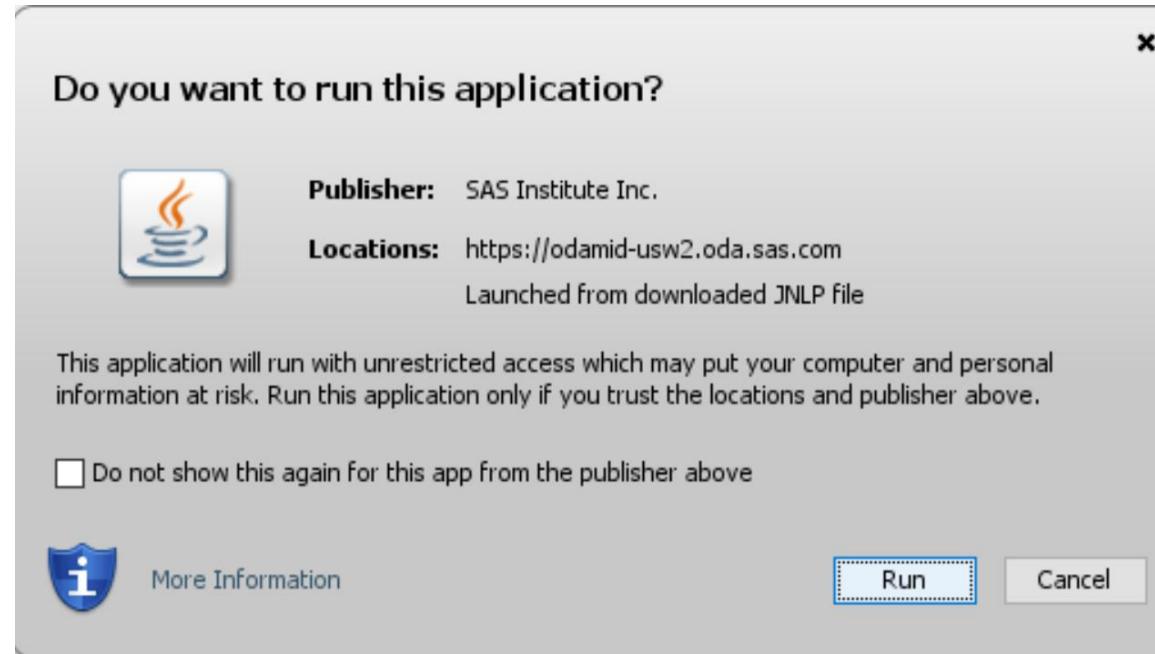
- Home Directory (46.5MB/5120MB) at 1%
- Course Directory (207.0MB/3072MB) at 7%

At the bottom, a taskbar shows a file named 'main (3).jnlp' and buttons for 'Show all' and 'X'. There's also a small speaker icon in the bottom right corner.

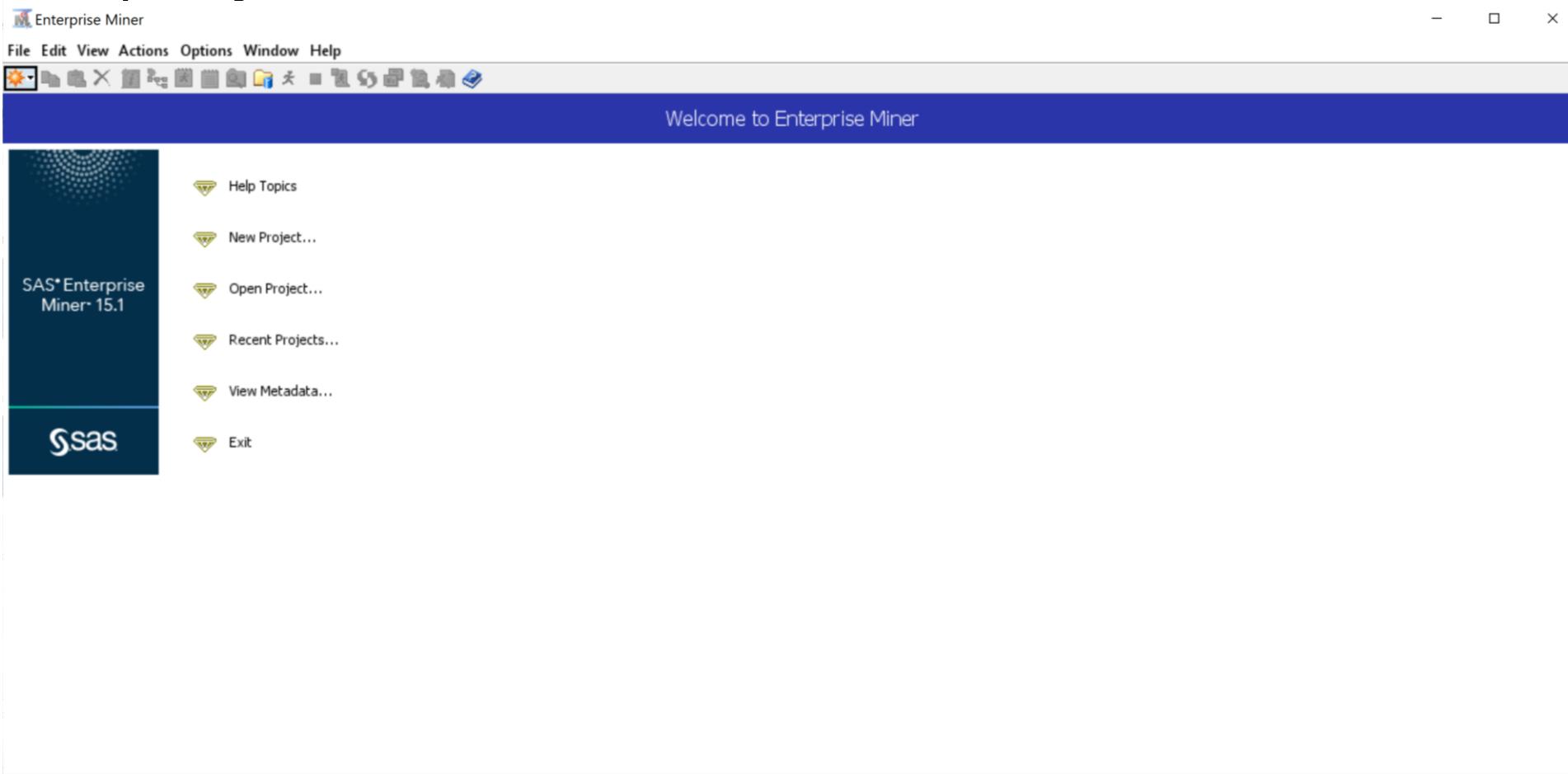
You will see a “Starting application...” window pop up.



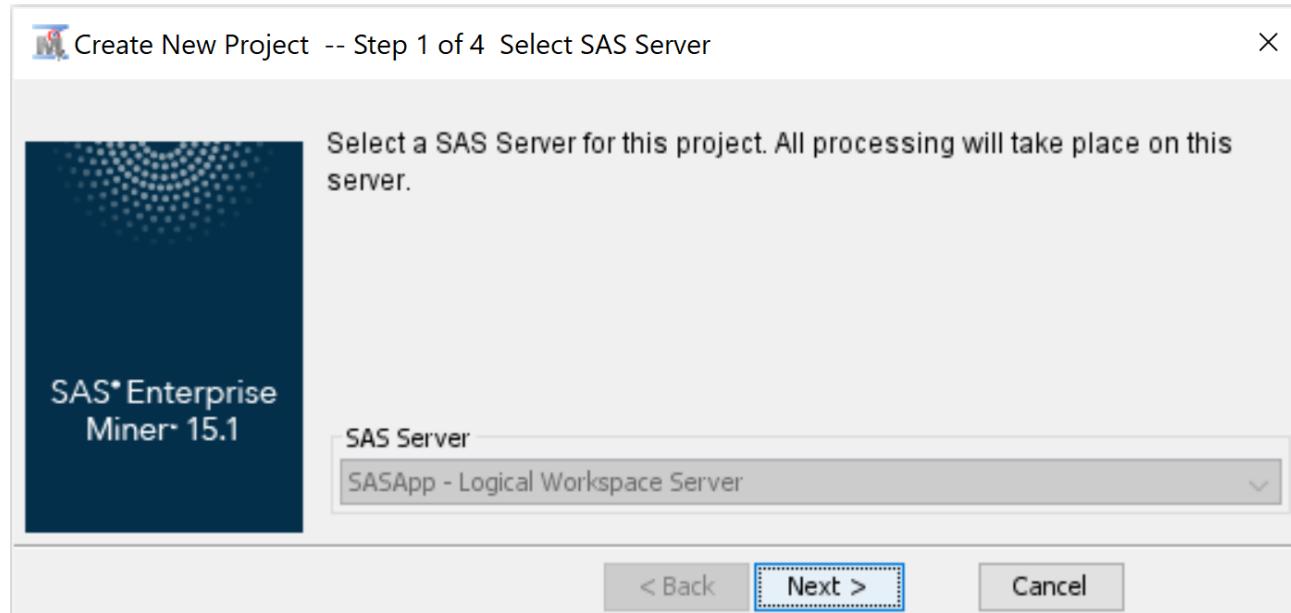
You will see a “Starting application...” window pop up. Click “Run.”



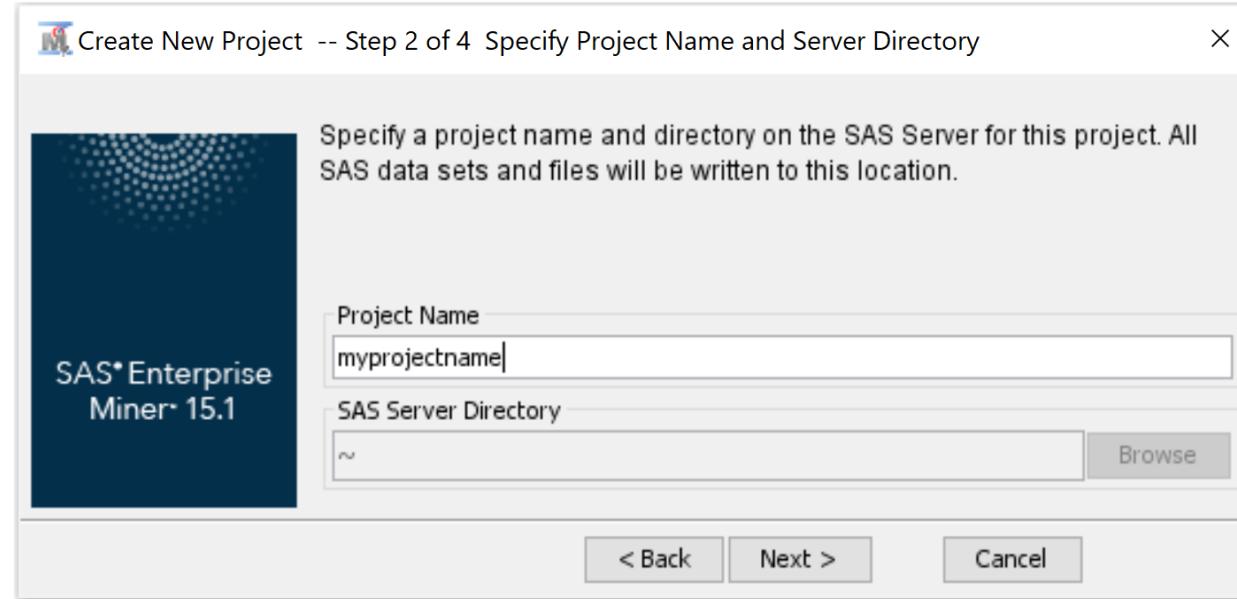
The Enterprise Miner Application will then pop up. Clicking on “New Project” will allow you to start a new project.



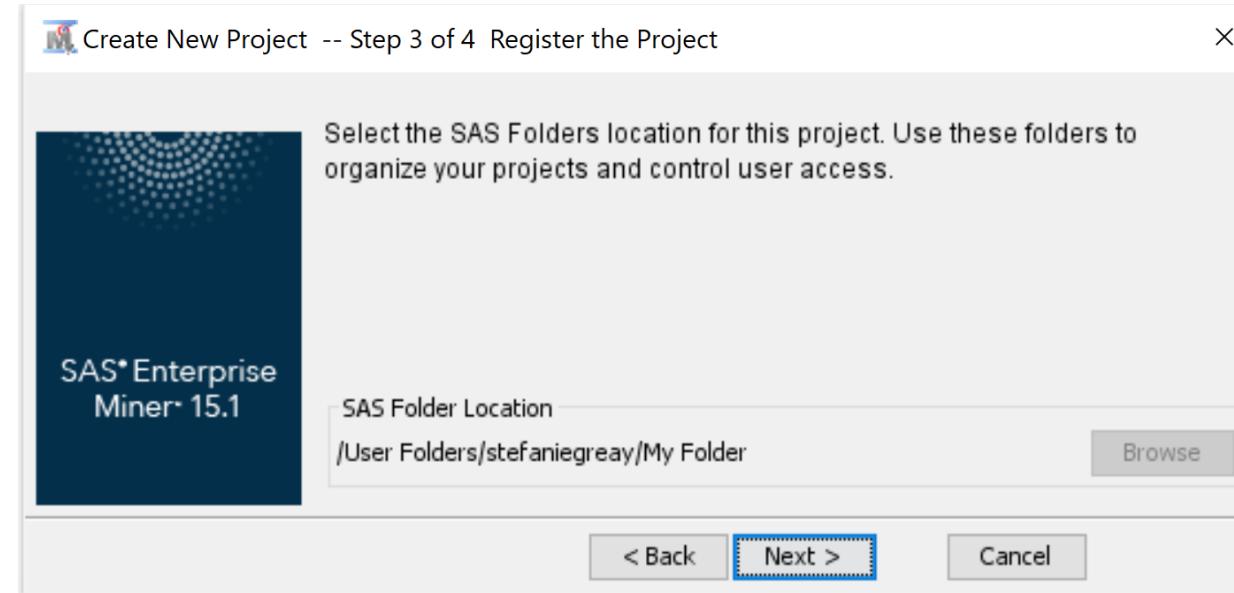
Click on “Next >” to continue setting up the project using the default SASApp server.



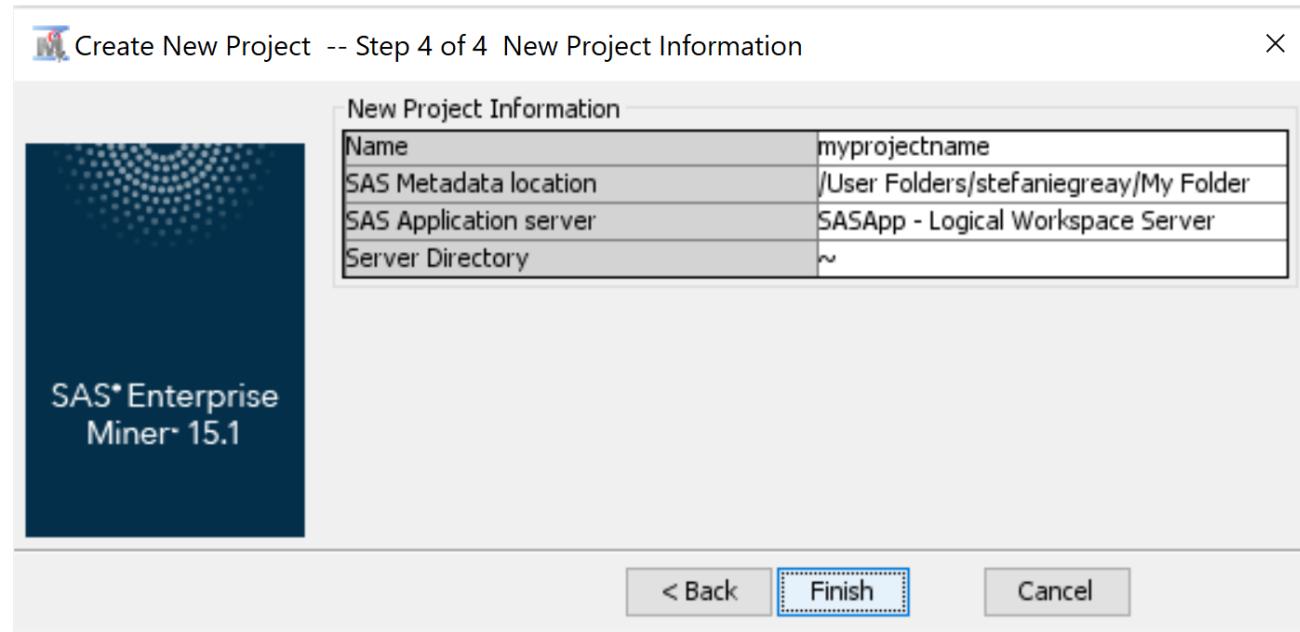
Enter a name for your project, then click “Next >.”



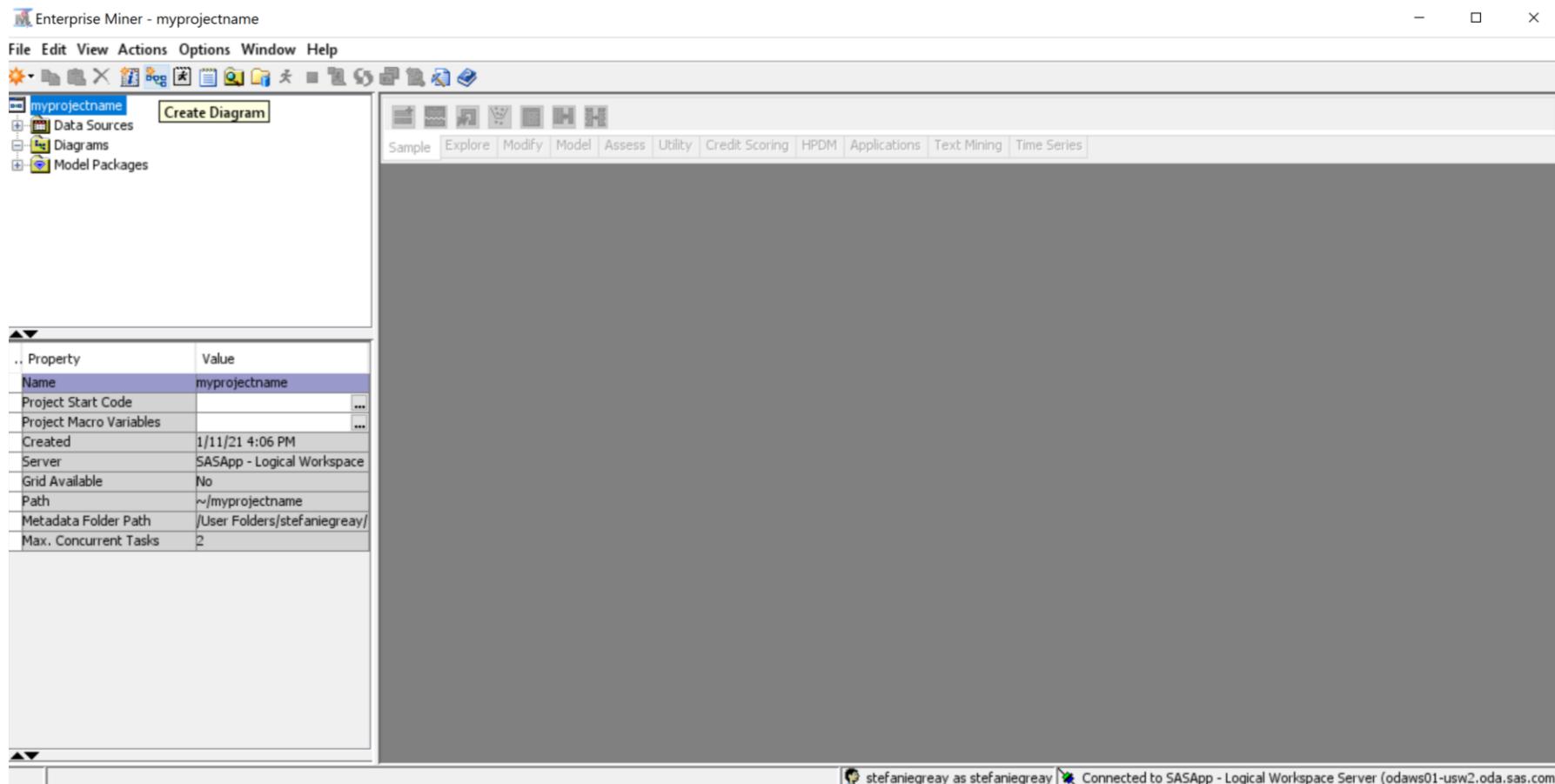
Click “Next >” to save the project in the default location.



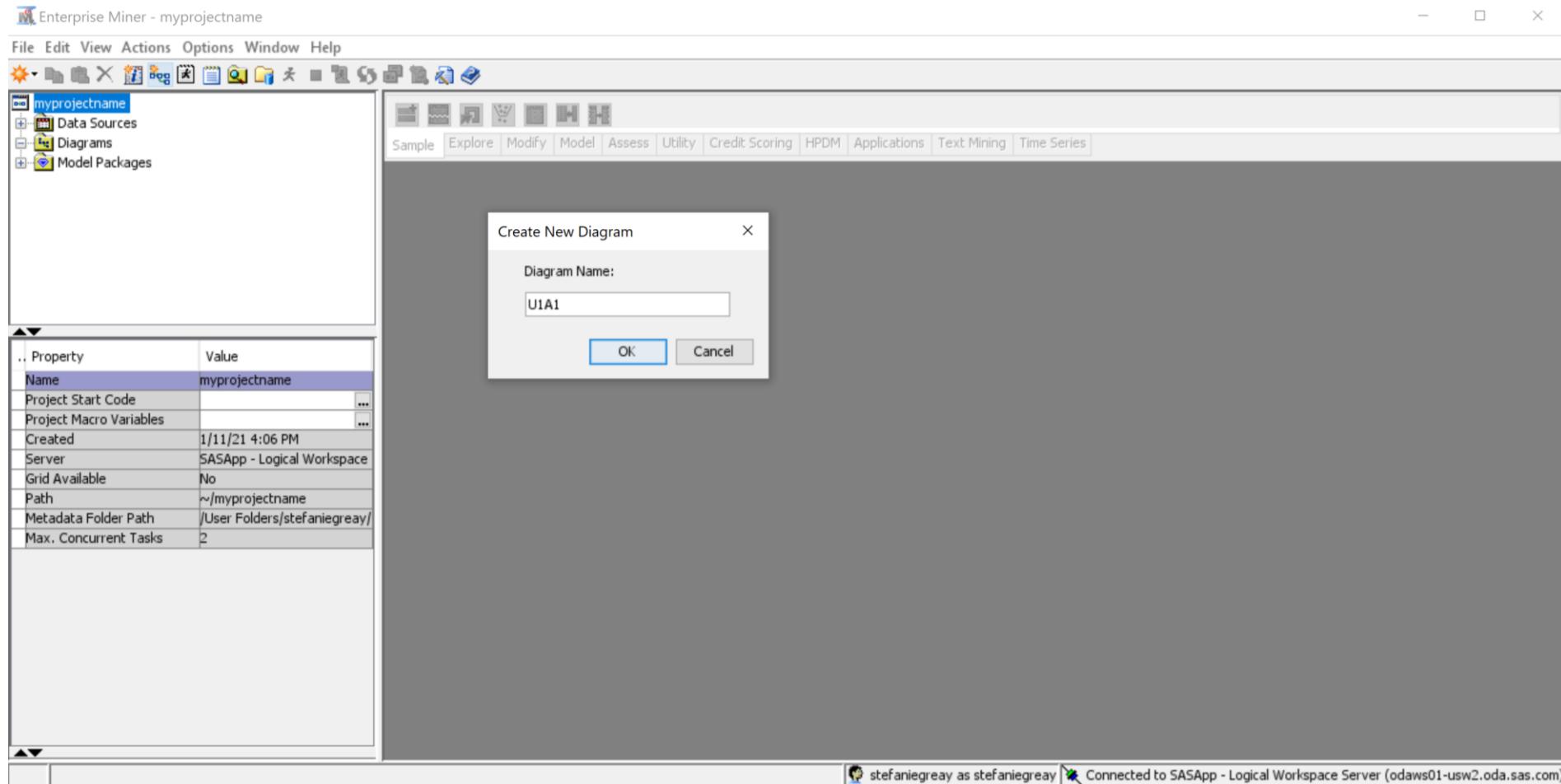
# Click “Finish” to complete the SAS Enterprise Miner project setup.



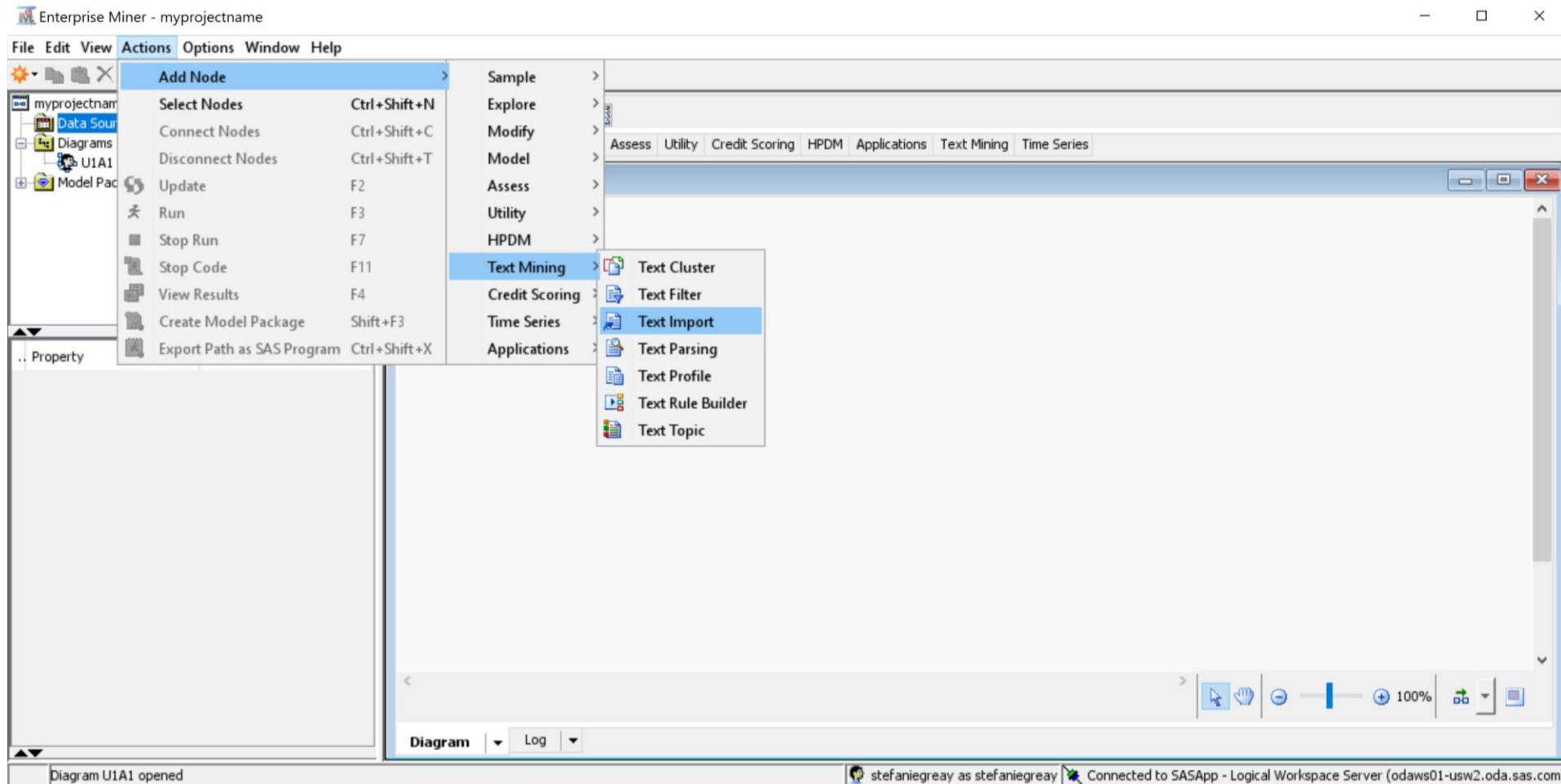
You can create a diagram using the icon directly to the left of the notebook with the running guy.



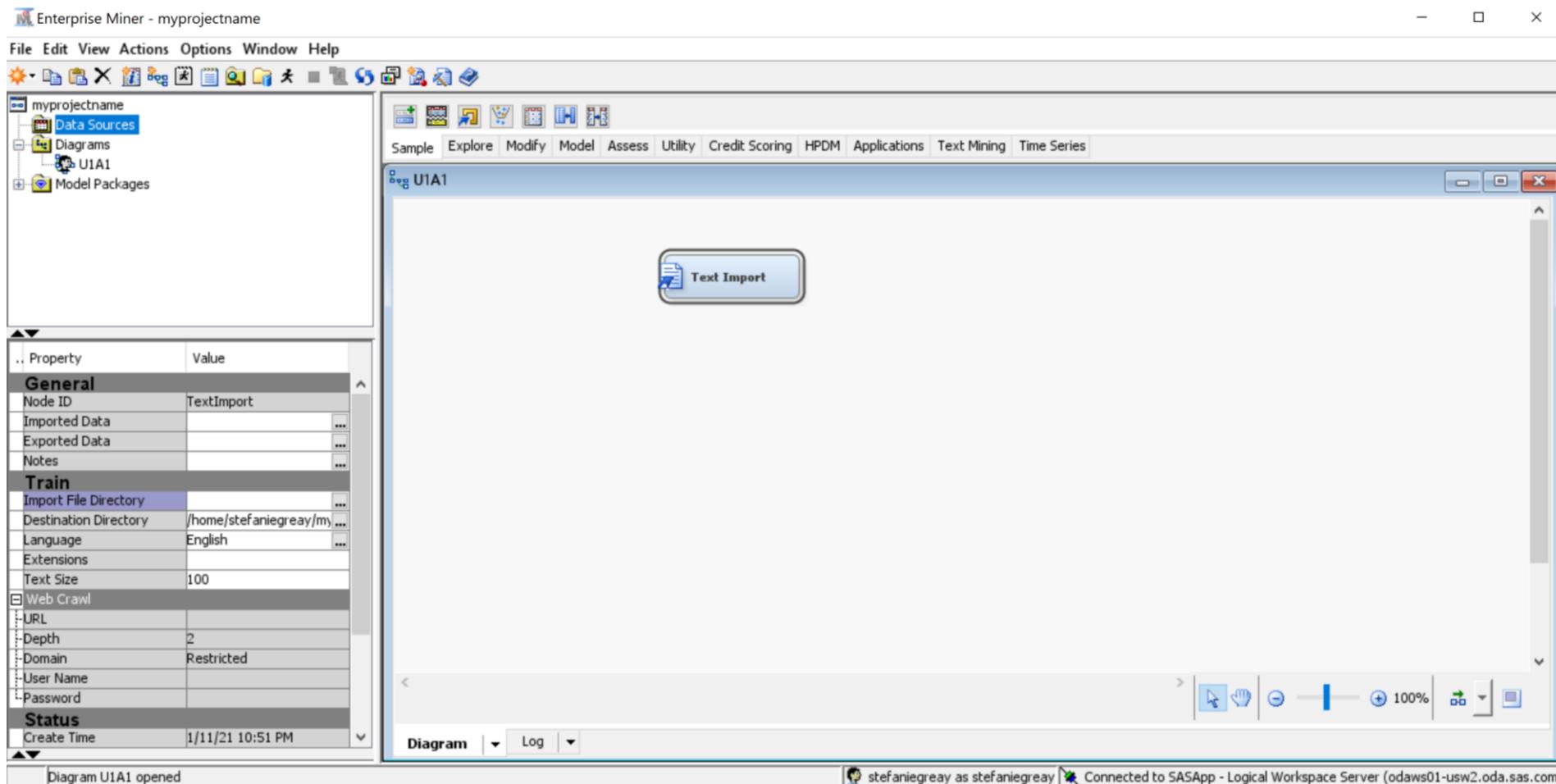
# Name the diagram in the dialog box that pops up, then click “OK.”



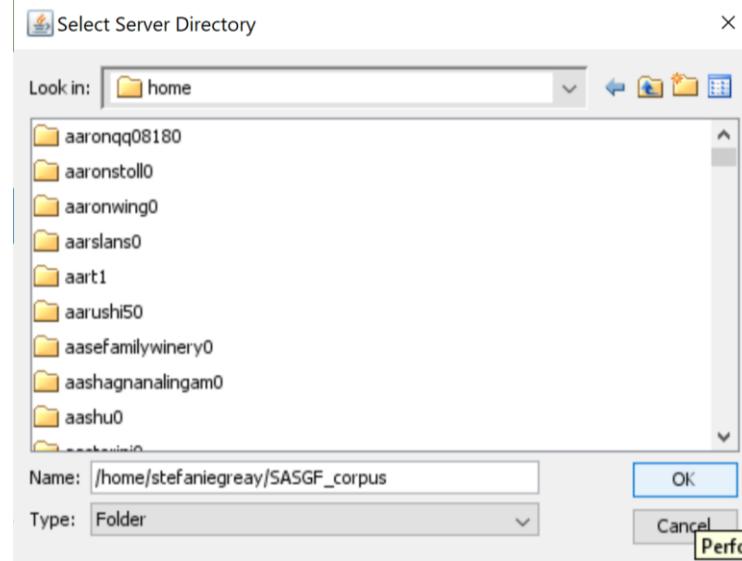
Click on “Action” > “Add Node” > “Text Mining” > “Text Import”



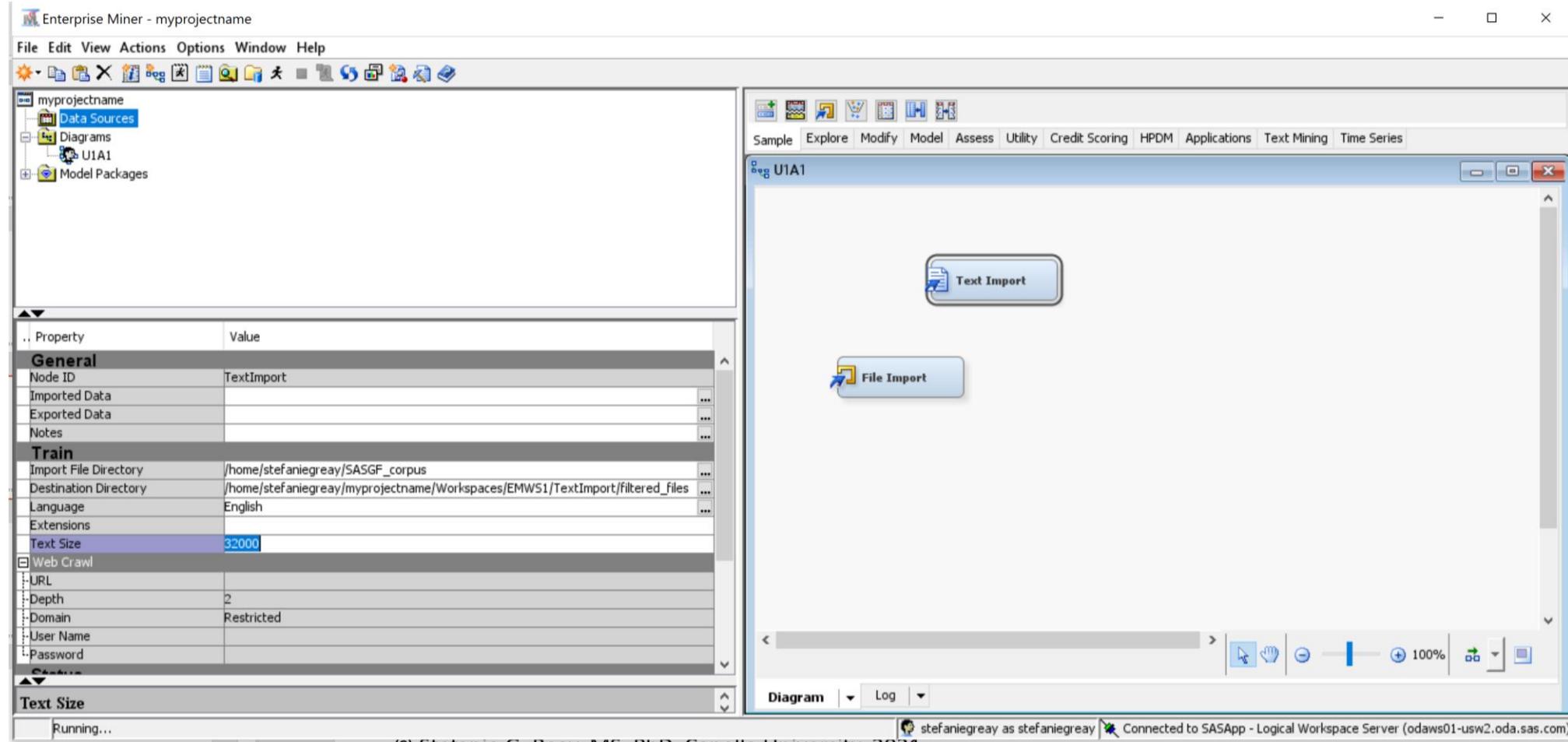
Click on the “Text Import” node you just added, and click the 3 dots next to “Import File Directory.”



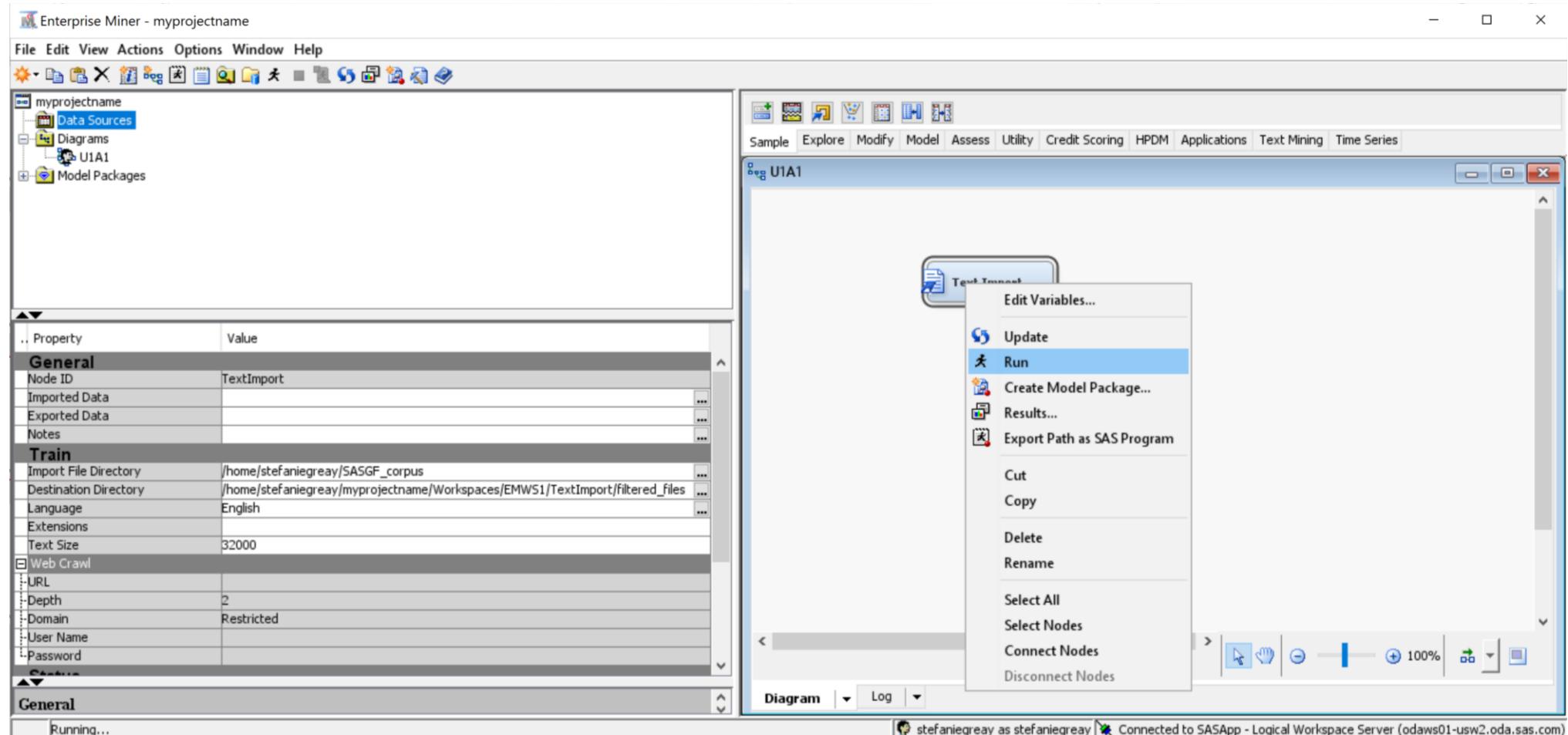
Paste the SAS OnDemand server directory you uploaded your files to in the box next to “Name:”



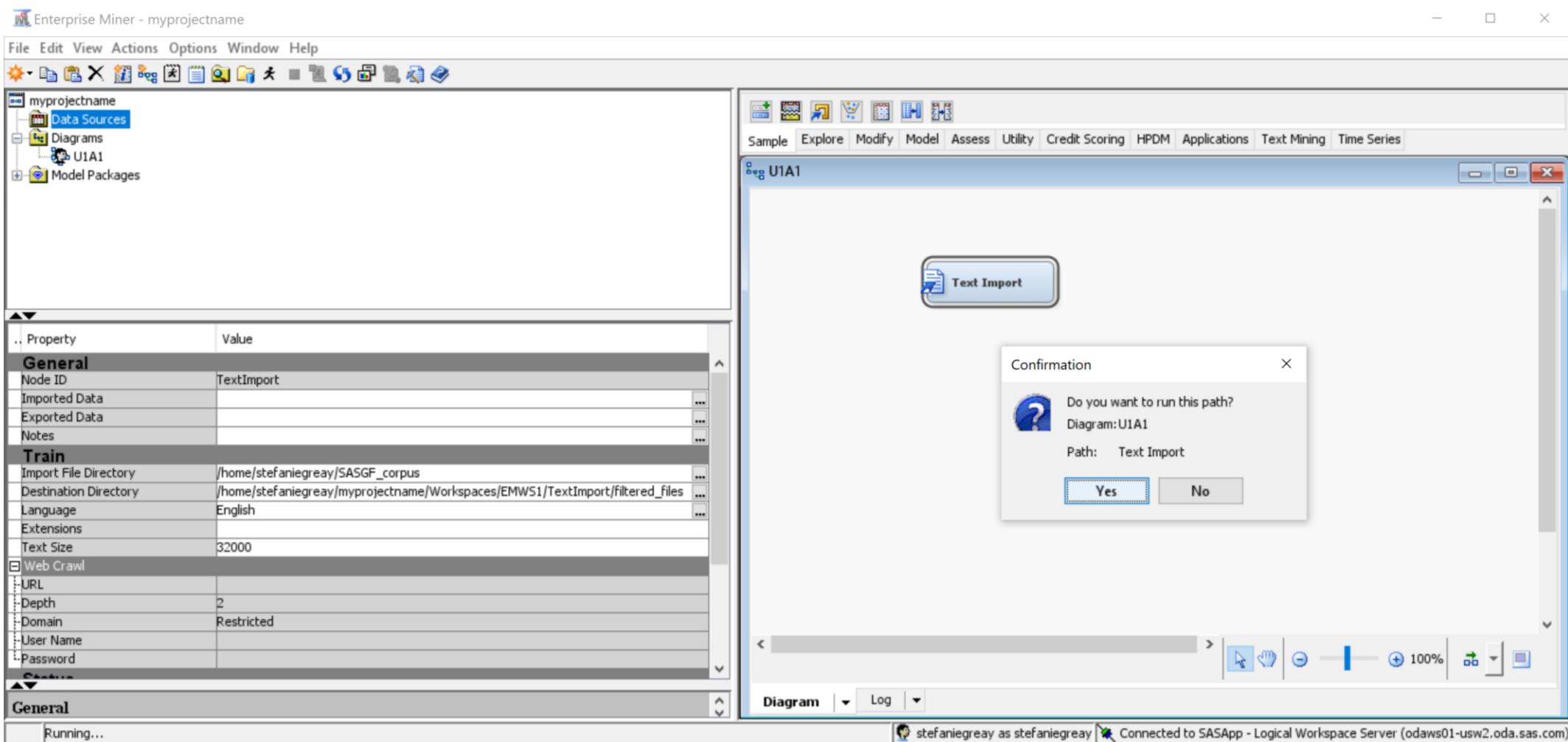
# Change the text size to 32,000, which is the maximum possible size.



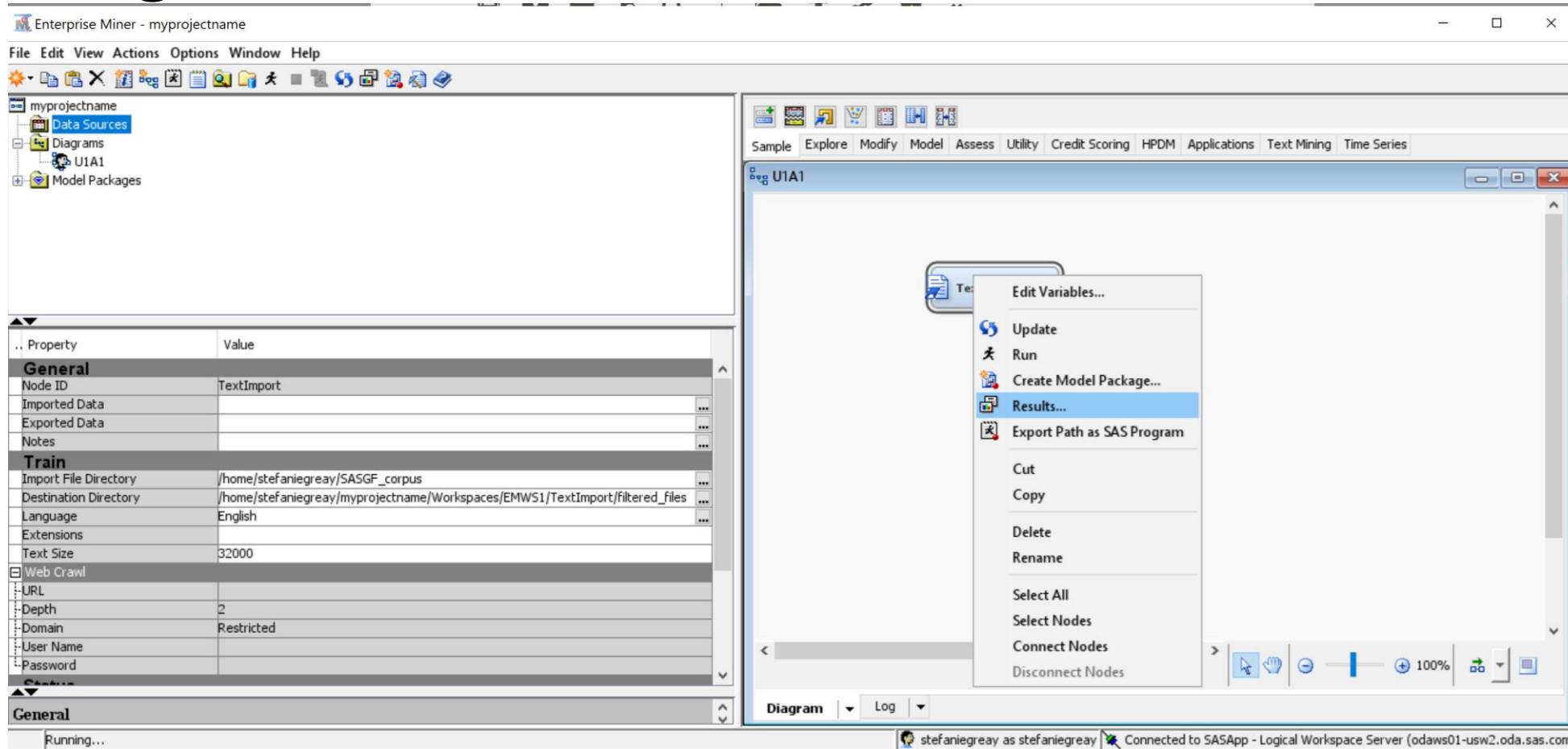
# Right click the “Text Import” node and click “Run”



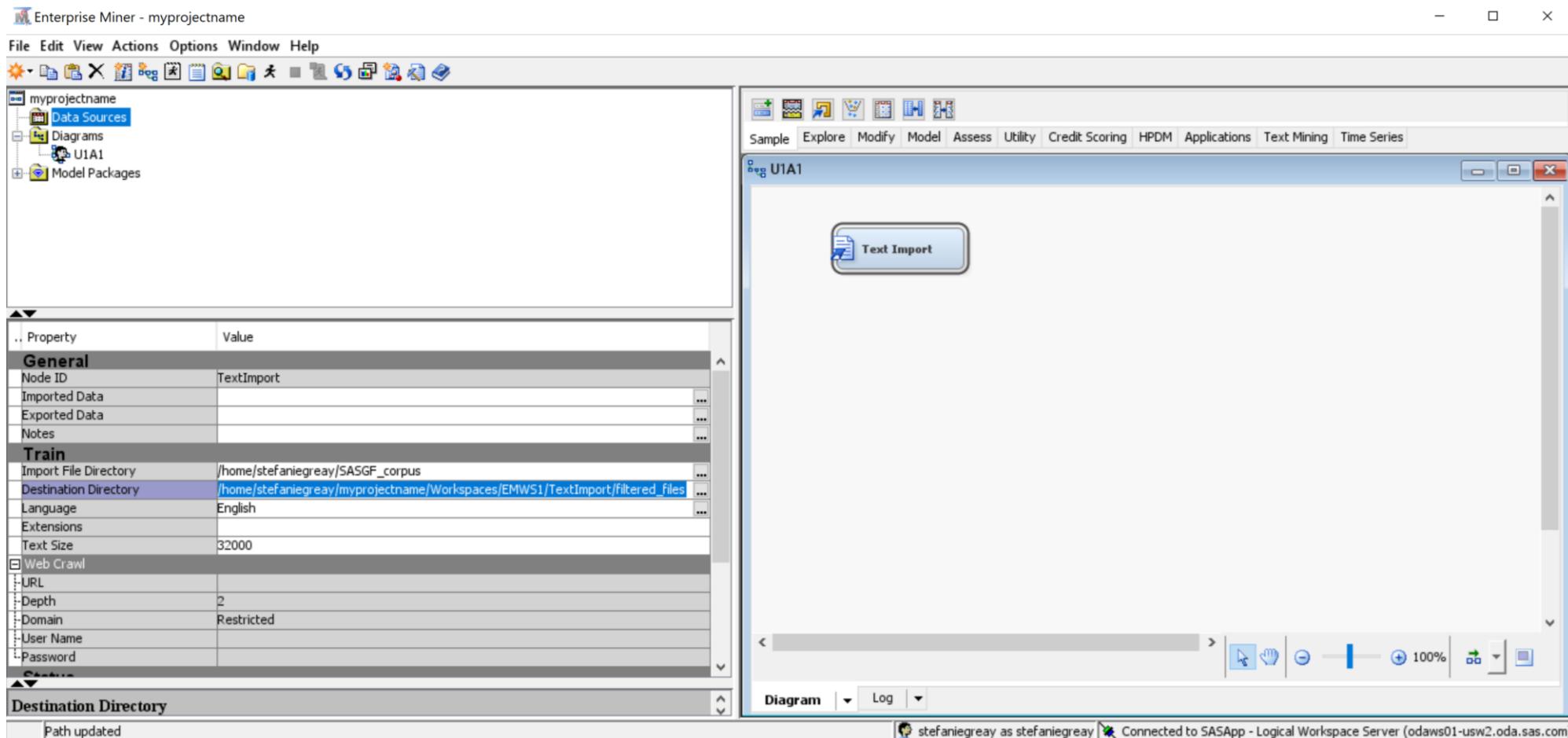
# Click “Yes”



Once this is complete, you can review the results by right clicking on the “Text Import” node and clicking on “Results.”



You can verify that the pdf files have been extracted by copying the “Destination Directory”



# And navigating to this directory within SAS Studio.

The screenshot shows the SAS Studio interface. On the left, the 'Server Files and Folders' sidebar displays a hierarchical file structure under 'myprojectname'. The 'filtered\_files' folder within the 'TextImport' folder is selected. The main workspace shows a 'Program 1' window with tabs for 'CODE', 'LOG', and 'RESULTS'. The 'CODE' tab contains a single line of code: '1'. The 'RESULTS' tab is currently active, showing an empty results pane. The bottom right corner of the workspace indicates 'UTF-8' encoding and the user 'stefaniegreay'. The top navigation bar includes links to various university services like Capella University, HuskyCT, UConn WebEx, and SAS Institute, Inc., along with other bookmarks and user-specific options like 'SAS Programmer' and 'Sign Out'.



# If you scroll down, you can see the SAS datasets created by the text import.

The screenshot shows the SAS Studio interface. On the left, the 'Server Files and Folders' sidebar lists various SAS datasets and text files, including '\_updatepath.st', 'EMNOTES.txt', 'em\_dgraph.sas7bdat', 'em\_diagramedit.sas7bdat', 'em\_history.sas7bdat', 'em\_nodeid.sas7bdat', 'textimport.sas7bcat', 'textimport\_cmtrain.sas7bdat', 'textimport\_dateinfo.sas7bdat', 'textimport\_emreport.sas7bdat', 'textimport\_emtrainvariable.sas7bdat', 'textimport\_exportset.sas7bdat', 'textimport\_graph\_table.sas7bdat', 'textimport\_importset.sas7bdat', 'textimport\_train.sas7bdat', 'wsmeta.txt', 'workSpaces.txt', 'project.emp', and 'my\_content'. The 'textimport\_train.sas7bdat' file is currently selected. The main workspace contains a 'Program 1' window with tabs for 'CODE', 'LOG', and 'RESULTS'. The 'CODE' tab is active, showing a single line of code: '1'. Below the workspace are sections for 'Tasks and Utilities', 'Snippets', 'Libraries', and 'File Shortcuts'. The bottom right corner shows a green circular icon with a white letter 'G', the encoding 'UTF-8', and user information 'User: stefaniegrey'.



Follow the steps outlined in the text below to evaluate the success of the import of the pdf files.

- Chakraborty, G., Pagolu, M., & Garla, S. (2014). Text mining and analysis: practical methods, examples, and case studies using SAS. SAS Institute.

<https://capella.skillport.com/skillportfe/main.action?path=summary/BOOKS/59026>

- Direct link to Chapter 3 - Importing Textual Data into SAS Text Miner:  
<https://capella.skillport.com/skillportfe/assetNonSSOLaunch.action?courseName= ss chapter:59026-920413207&courseType=7>

