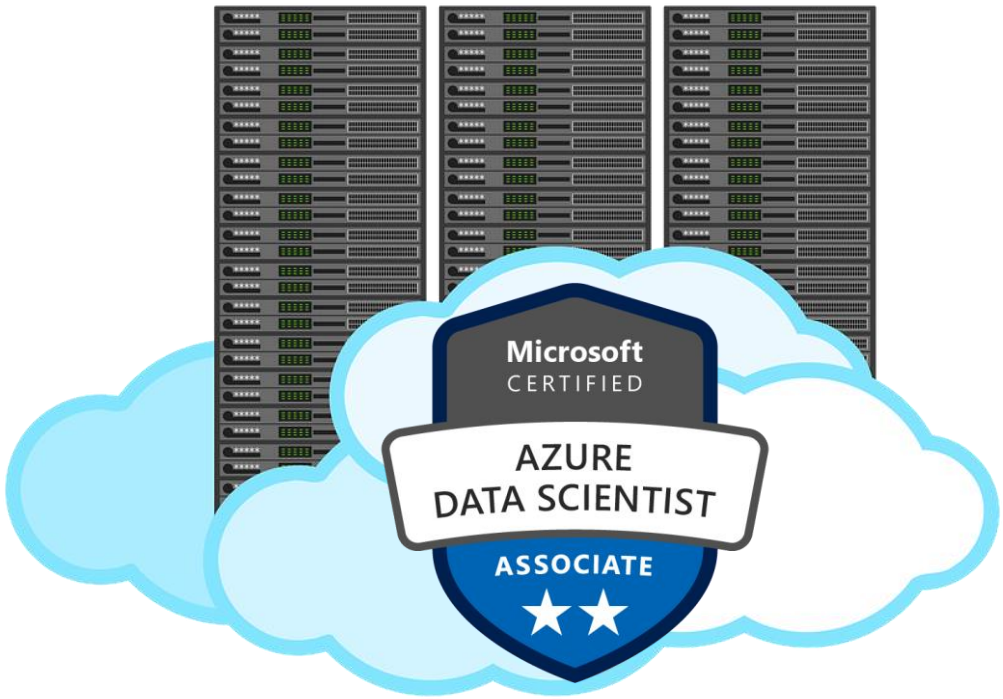

Azure Machine Learning

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How to deal with the changed UI of AzureML Studio and data processing?

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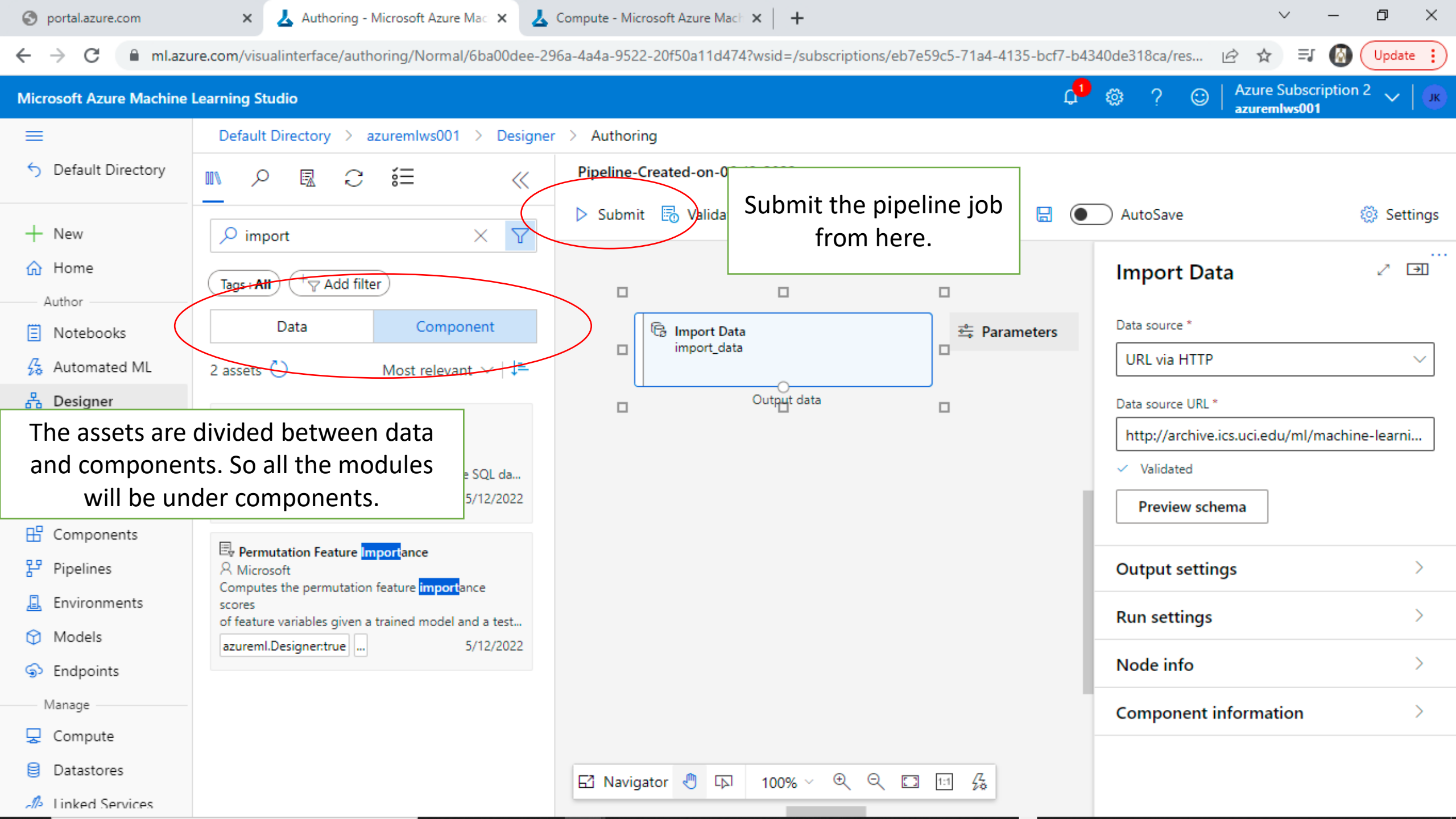
portal.azure.com
Authoring - Microsoft Azure Mac
Compute - Microsoft Azure Mach
ml.azure.com/visualinterface/authoring/Normal/6ba00dee-296a-4a4a-9522-20f50a11d474?wsid=/subscriptions/eb7e59c5-71a4-4135-bcf7-b4340de318ca/res...
Update
Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
Default Directory
azuremlws001
Designer
Authoring
Default Directory
New
Home
Author
Notebooks
Automated ML
Designer
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Pipelines
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Models
Endpoints
Manage
Compute
Datastores
Linked Services
import
Tags : All
Add filter
Data
Component
2 assets
Most relevant
Permutation Feature Importance
Microsoft
Computes the permutation feature importance scores
of feature variables given a trained model and a test...
azureml.Designer:true
5/12/2022
Pipeline-Created-on-0
Submit
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AutoSave
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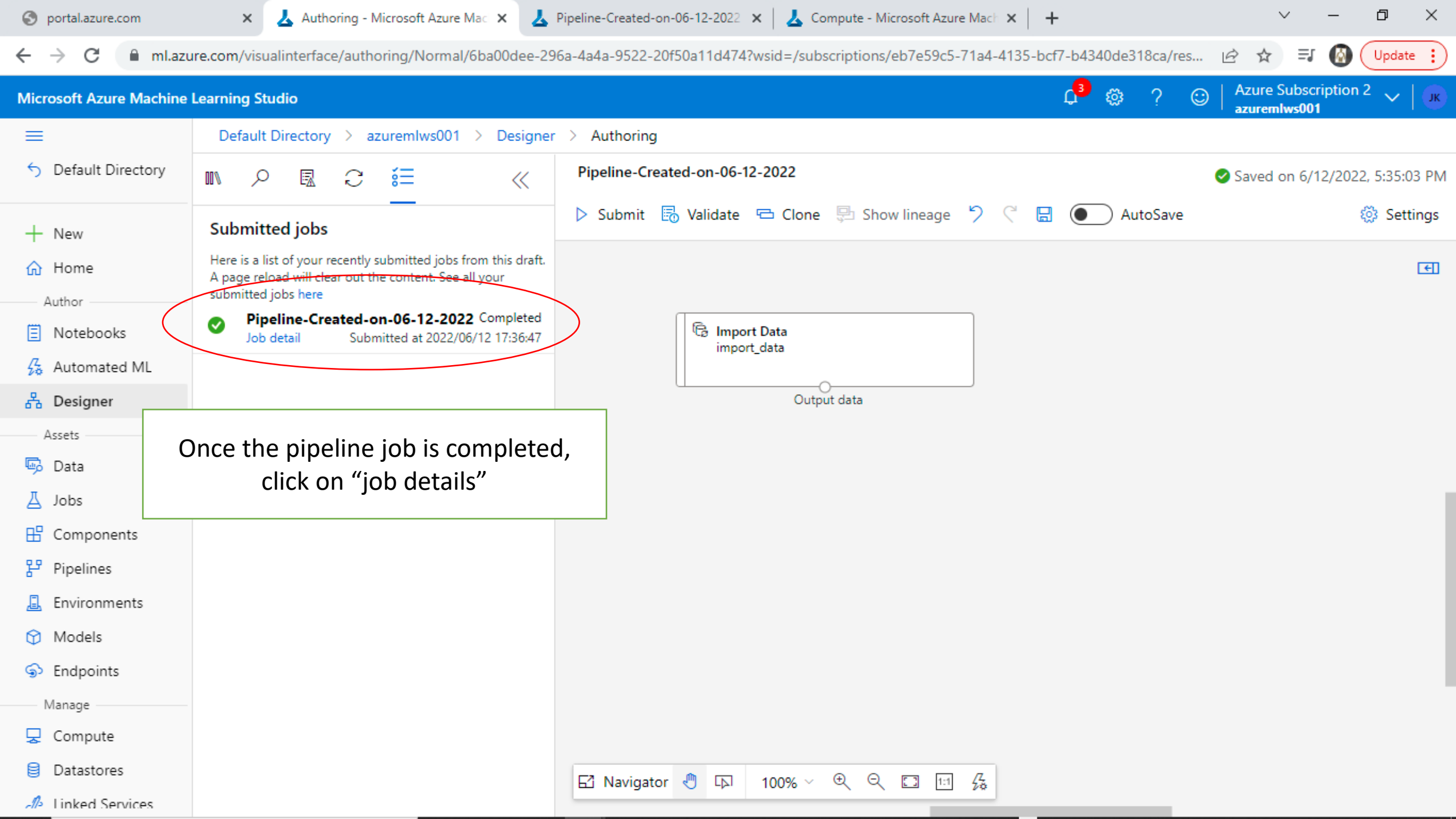
Import Data
import_data
Output data
Parameters
Import Data
Data source *
URL via HTTP
Data source URL *
http://archive.ics.uci.edu/ml/machine-learni...
Validated
Preview schema
Output settings
Run settings
Node info
Component information
Navigator
100%
Submit the pipeline job from here.
The assets are divided between data and components. So all the modules will be under components.


portal.azure.com
Authoring - Microsoft Azure Mac
Pipeline-Created-on-06-12-2022
Compute - Microsoft Azure Mach
ml.azure.com/visualinterface/authoring/Normal/6ba00dee-296a-4a4a-9522-20f50a11d474?wsid=/subscriptions/eb7e59c5-71a4-4135-bcf7-b4340de318ca/res...
Update
Microsoft Azure Machine Learning Studio
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azuremlws001
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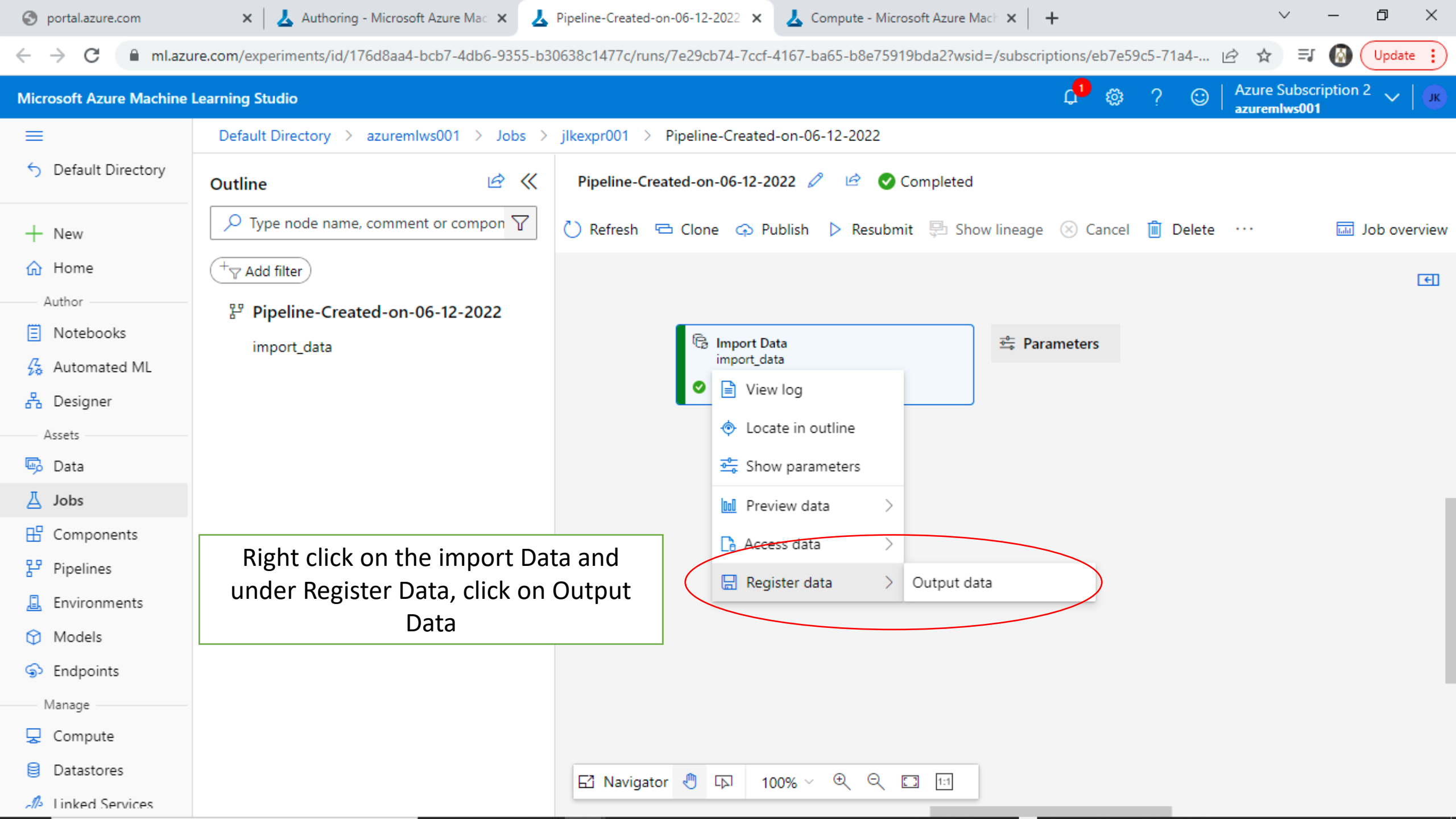
Environments
Models
Endpoints
Manage
Compute
Datastores
Linked Services
Submitted jobs
Here is a list of your recently submitted jobs from this draft. A page reload will clear out the content. See all your submitted jobs here
Pipeline-Created-on-06-12-2022 Completed
Job detail
Submitted at 2022/06/12 17:36:47
Once the pipeline job is completed, click on “job details”
Pipeline-Created-on-06-12-2022
Saved on 6/12/2022, 5:35:03 PM
Submit
Validate
Clone
Show lineage
AutoSave
Settings
Import Data
import_data
Output data
Navigator
100%


portal.azure.com
Authoring - Microsoft Azure Mac
Pipeline-Created-on-06-12-2022
Compute - Microsoft Azure Mach
ml.azure.com/experiments/id/176d8aa4-bcb7-4db6-9355-b30638c1477c/runs/7e29cb74-7ccf-4167-ba65-b8e75919bda2?wsid=/subscriptions/eb7e59c5-71a4-...
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Manage
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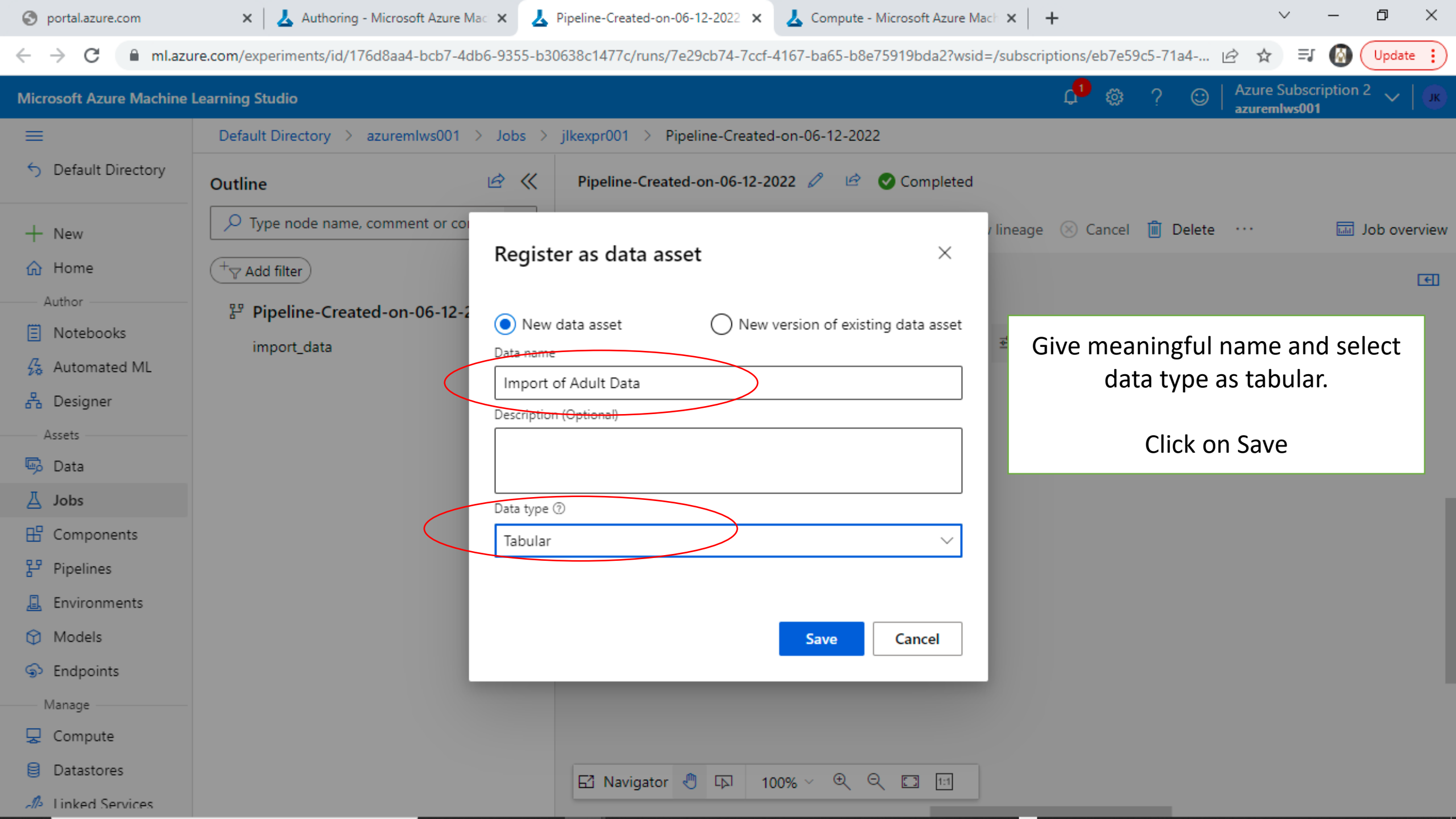
Datastores
Linked Services
Outline
Type node name, comment or compon
Add filter
Pipeline-Created-on-06-12-2022
import_data
Pipeline-Created-on-06-12-2022
Completed
Refresh
Clone
Publish
Resubmit
Show lineage
Cancel
Delete
Job overview
Import Data
import_data
Parameters
View log
Locate in outline
Show parameters
Preview data
Access data
Register data
Output data
Right click on the import Data and under Register Data, click on Output Data
Navigator
100%


portal.azure.com
Authoring - Microsoft Azure Mac
Pipeline-Created-on-06-12-2022
Compute - Microsoft Azure Mach
ml.azure.com/experiments/id/176d8aa4-bcb7-4db6-9355-b30638c1477c/runs/7e29cb74-7ccf-4167-ba65-b8e75919bda2?wsid=/subscriptions/eb7e59c5-71a4-...
Update
Microsoft Azure Machine Learning Studio
Azure Subscription 2
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Default Directory > azuremlws001 > Jobs > jlkexpr001 > Pipeline-Created-on-06-12-2022
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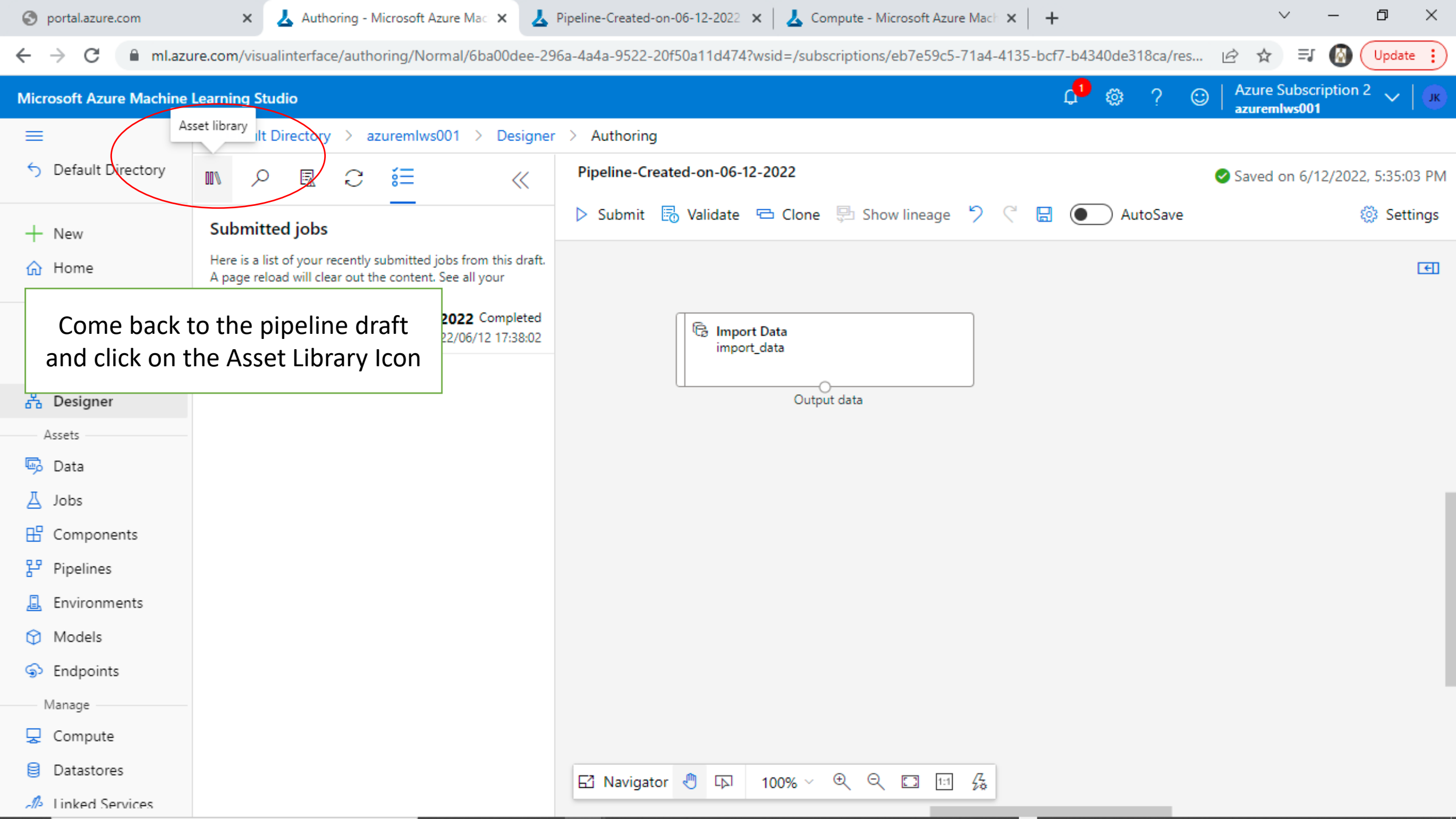
Outline
Type node name, comment or co
Add filter
Pipeline-Created-on-06-12-2
import_data
Pipeline-Created-on-06-12-2022
Completed
lineage
Cancel
Delete
Job overview
Register as data asset
New data asset
New version of existing data asset
Data name
Import of Adult Data
Description (Optional)
Data type
Tabular
Save
Cancel
Give meaningful name and select data type as tabular.
Click on Save
Navigator
100%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ml.azure.com/visualinterface/authoring/Normal/6ba00dee-296a-4a4a-9522-20f50a11d474?wsid=/subscriptions/eb7e59c5-71a4-4135-bcf7-b4340de318ca/res...
Update
Microsoft Azure Machine Learning Studio
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Asset library
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Linked Services
Submitted jobs
Here is a list of your recently submitted jobs from this draft. A page reload will clear out the content. See all your
2022 Completed
22/06/12 17:38:02
Come back to the pipeline draft and click on the Asset Library Icon
Pipeline-Created-on-06-12-2022
Saved on 6/12/2022, 5:35:03 PM
Submit
Validate
Clone
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Settings
Import Data
import_data
Output data
Navigator
100%

Default Directory > azuremlws001 > Designer > Authoring

Default Directory
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Jobs
Components
Pipelines
Environments
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Endpoints
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Compute
Datastores
Linked Services

Search by name, tags and description

Tags : All | Add filter

Data | Component

20 assets | Last update...

Import of Adult Data — Version 1
Jitesh Khurkhuriya
azureml.Designer:true
6/12/2022

JLKImportOutput — Version 1
Jitesh Khurkhuriya
azureml.Designer:true
6/12/2022

Import output — Version 1
Jitesh Khurkhuriya
azureml.Designer:true
6/12/2022

Loan Application — Version 1
Jitesh Khurkhuriya
4/26/2022

Pipeline-Created-on-06-12-2022

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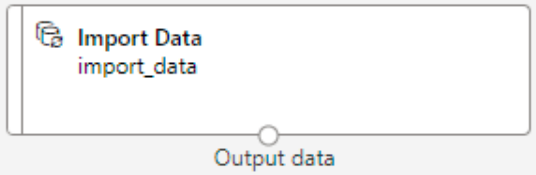
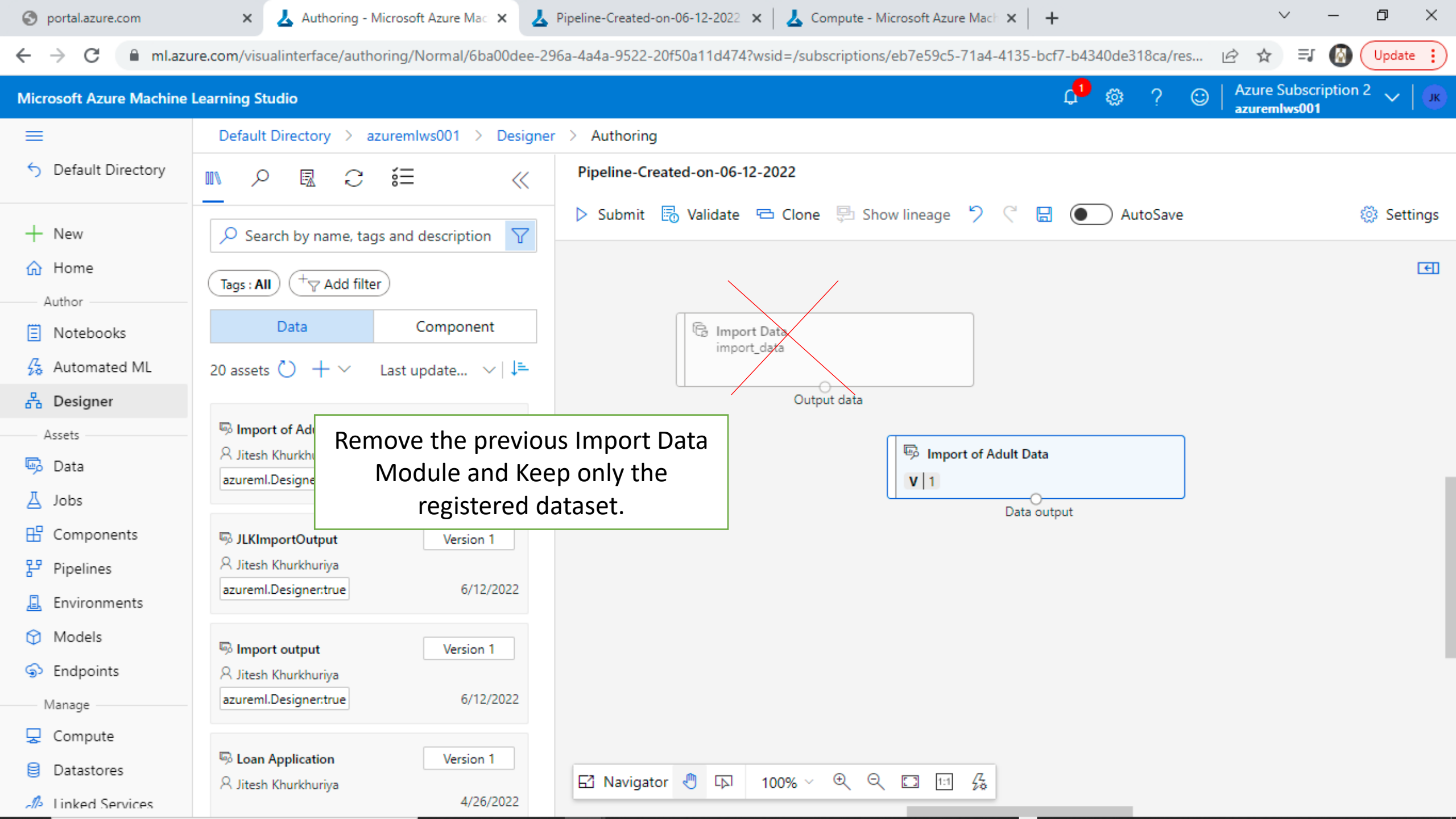
Submit | Validate | Clone | Show lineage | AutoSave | Settings



Under the Data tab, you will see the datset you registered.

Drag and Drop it on the canvas.

Navigator | 100%


portal.azure.com
Authoring - Microsoft Azure Mac
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Compute - Microsoft Azure Mach
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Update
Microsoft Azure Machine Learning Studio
Azure Subscription 2
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Default Directory > azuremlws001 > Designer > Authoring
Default Directory
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Search by name, tags and description
Tags : All
Add filter
Data
Component
20 assets
Last update...
Import of Ad
Jitesh Khurkhu
azureml.Designe
JLKImportOutput
Version 1
Jitesh Khurkhuriya
azureml.Designer:true
6/12/2022
Import output
Version 1
Jitesh Khurkhuriya
azureml.Designer:true
6/12/2022
Loan Application
Version 1
Jitesh Khurkhuriya
4/26/2022
Pipeline-Created-on-06-12-2022
Submit
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import_data
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Import of Adult Data
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Data output
Remove the previous Import Data Module and Keep only the registered dataset.
Navigator
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portal.azure.com | Authoring - Microsoft Azure Mac | Pipeline-Created-on-06-12-2022 | Compute - Microsoft Azure Mach

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Update

Microsoft Azure Machine Learning Studio

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Default Directory > azuremlws001 > Designer > Authoring

Default Directory

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Pipelines
Environments
Models
Endpoints

Manage
Compute
Datastores
Linked Services

select col

Tags : All | Add filter

Data | Component

3 assets | Most relevant

Select Columns Transform
Microsoft
Create a transformation that selects the same subset of columns as in the given dataset. [Learn More](htt...
azureml.Designer:true ... 5/12/2022

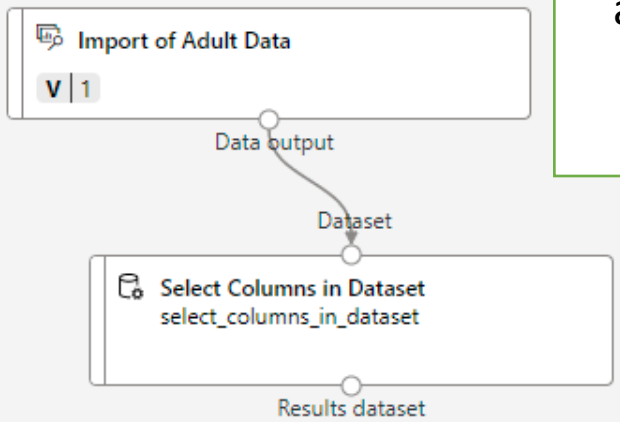
Select Columns in Dataset
Microsoft
Selects columns to include or exclude from a dataset in an operation. [Learn More](https://aka.ms/aml/s...
azureml.Designer:true ... 5/12/2022

Join Data
Microsoft
Joins two datasets on selected key columns. [Learn More](https://aka.ms/aml/join-data)
azureml.Designer:true ... 5/12/2022

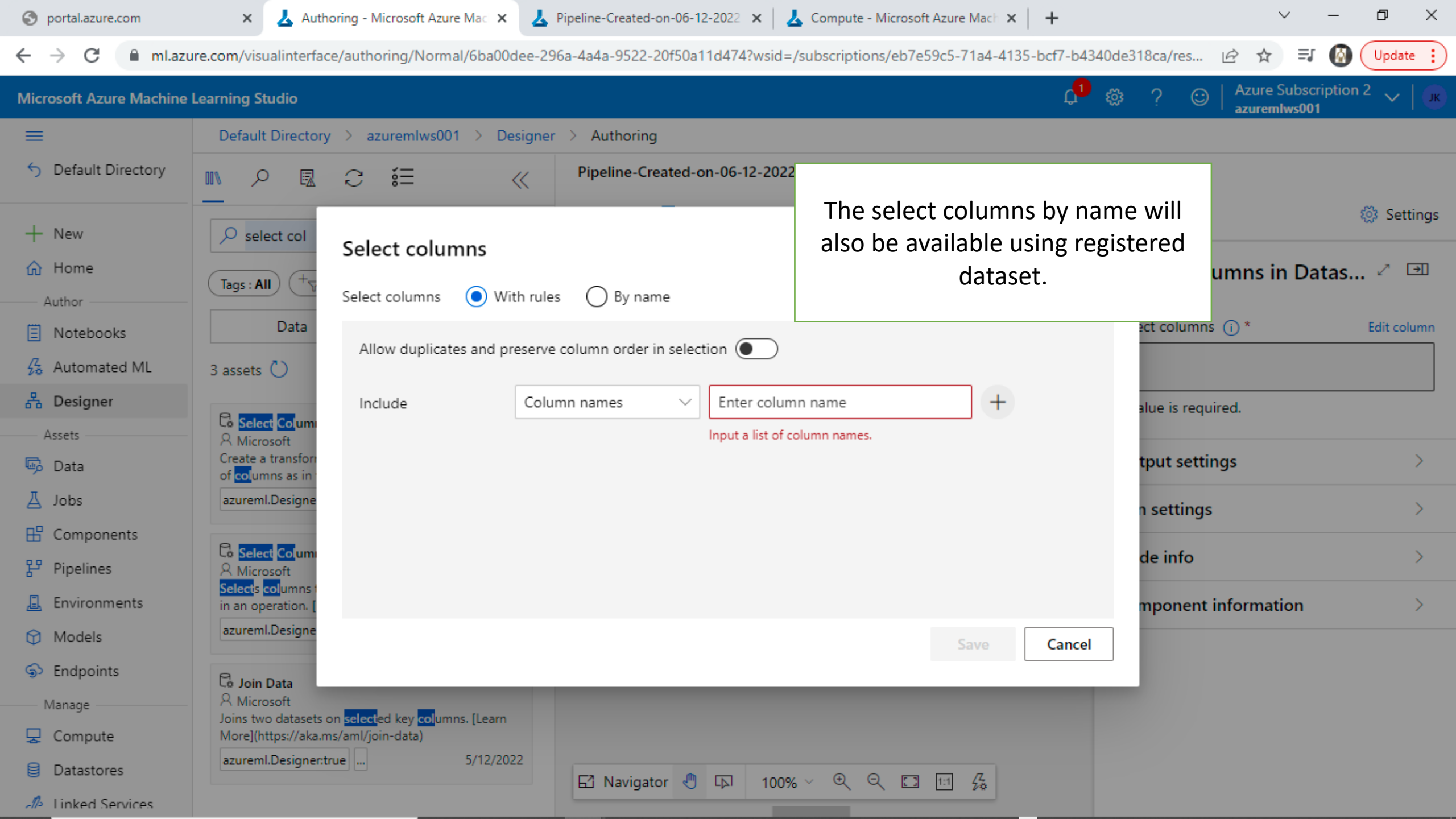
Pipeline-Created-on-06-12-2022

Submit | Validate | Clone | Show lineage | AutoSave | Settings

You can continue doing all the activities under data processing section using this registered dataset.



Navigator | 100%


portal.azure.com
Authoring - Microsoft Azure Mac
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Compute - Microsoft Azure Mach
ml.azure.com/visualinterface/authoring/Normal/6ba00dee-296a-4a4a-9522-20f50a11d474?wsid=/subscriptions/eb7e59c5-71a4-4135-bcf7-b4340de318ca/res...
Update
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of columns as in
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in an operation. [
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Join Data
Microsoft
Joins two datasets on selected key columns. [Learn More](https://aka.ms/aml/join-data)
azureml.Designer:true
5/12/2022
umns in Datas...
ct columns *
Edit column
alue is required.
tput settings
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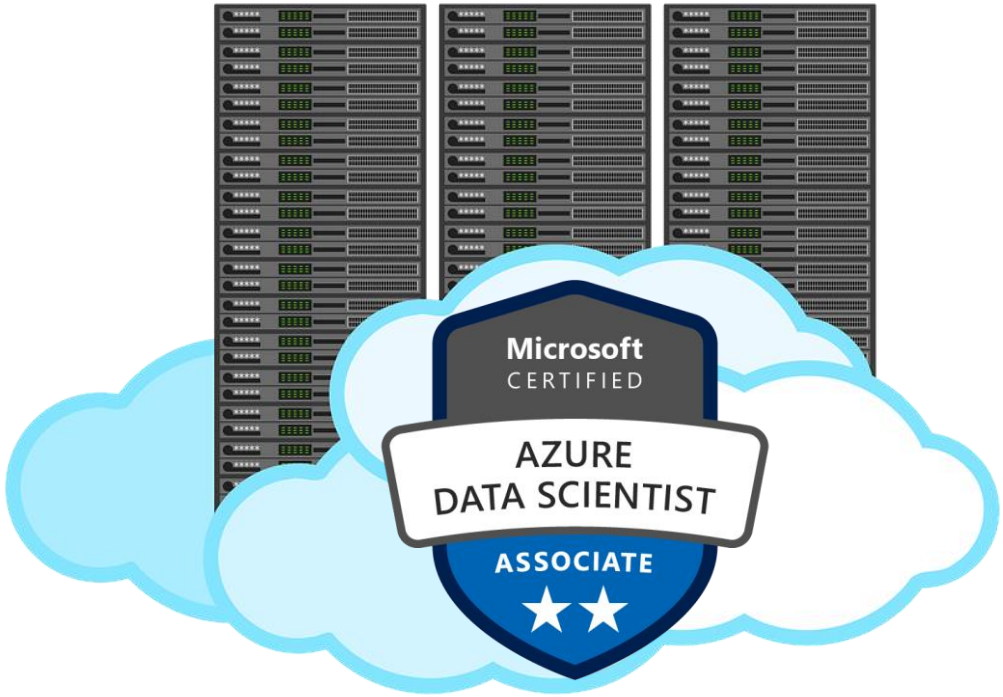
mponent information
Navigator
100%
Select columns
Select columns
With rules
By name
Allow duplicates and preserve column order in selection
Include
Column names
Enter column name
Input a list of column names.
Save
Cancel
The select columns by name will also be available using registered dataset.

Azure Machine Learning



Thank You..!!

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