

portal.azure.com x Authoring - Microsoft Azure Mac x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Designer > Authoring

Submit Validate

Submit the pipeline job from here.

import

Tags: All Add filter

Data Component

2 assets Most relevant

The assets are divided between data and components. So all the modules will be under components.

Permutation Feature Importance

Microsoft

Computes the permutation feature importance scores of feature variables given a trained model and a test...

azureml.Design:true 5/12/2022

Import Data

import\_data

Parameters

Output data

Data source \*

URL via HTTP

Data source URL \*

http://archive.ics.uci.edu/ml/machine-learn...

Validated

Preview schema

Output settings

Run settings

Node info

Component information

Navigator 100%

portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Designer > Authoring

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

Submit Validate Clone Show lineage AutoSave Settings

Import Data  
import\_data

Output data

Once the pipeline job is completed, click on "job details"

Navigator 100% 1:1

portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Jobs > jlkexpr001 > Pipeline-Created-on-06-12-2022

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% 1:1

portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Jobs > jlkexpr001 > Pipeline-Created-on-06-12-2022

Outline

Type node name, comment or co

Add filter

Pipeline-Created-on-06-12-2022 import\_data

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% 1:1

portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Asset library

Default Directory

New

Home

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

Designer

Assets

Data

Jobs

Components

Pipelines

Environments

Models

Endpoints

Manage

Compute

Dastores

Linked Services

Pipeline-Created-on-06-12-2022

Submit Validate Clone Show lineage AutoSave Settings

Import Data import\_data

Output data

100%

Navigator

Come back to the pipeline draft  
and click on the Asset Library Icon



portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Designer > Authoring

Default Directory

New

Home

Author

Notebooks

Automated ML

Designer

Assets

Data

Jobs

Components

Pipelines

Environments

Models

Endpoints

Manage

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.Design: true 6/12/2022

JKIImportOutput Version 1

Jitesh Khurkhuriya

azureml.Design: true 6/12/2022

Import output Version 1

Jitesh Khurkhuriya

azureml.Design: true 6/12/2022

Loan Application Version 1

Jitesh Khurkhuriya

4/26/2022

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

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

Drag and Drop it on the canvas.

Navigator 100% 1:1

portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Designer > Authoring

Default Directory

New

Home

Author

Notebooks

Automated ML

Designer

Assets

Data

Jobs

Components

Pipelines

Environments

Models

Endpoints

Manage

Compute

Datastores

Linked Services

Search by name, tags and description

Tags: All Add filter

Data Component

20 assets Last update...

Import of Adult Data

Jitesh Khurkhuriya

azureml.Design

JLKImportOutput

Version 1

Jitesh Khurkhuriya

azureml.Design: true

6/12/2022

Import output

Version 1

Jitesh Khurkhuriya

azureml.Design: true

6/12/2022

Loan Application

Version 1

Jitesh Khurkhuriya

4/26/2022

Pipeline-Created-on-06-12-2022

Submit Validate Clone Show lineage AutoSave Settings

Import Data

import\_data

Output data

Import of Adult Data

v | 1

Data output

Remove the previous Import Data Module and Keep only the registered dataset.

Navigator 100% 1:1

portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Designer > Authoring

Submit Validate Clone Show lineage AutoSave Settings

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](https://aka.ms/aml/s...)  
azureml.Design: 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.Design: true 5/12/2022

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

Pipeline-Created-on-06-12-2022

Import of Adult Data

Data output

Dataset

Select Columns in Dataset  
select\_columns\_in\_dataset

Results dataset

Navigator 100% 1:1

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



portal.azure.com x Authoring - Microsoft Azure Mac x Pipeline-Created-on-06-12-2022 x Compute - Microsoft Azure Mac x +

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

Default Directory > azuremlws001 > Designer > Authoring

Default Directory

New Home Author Notebooks Automated ML Designer Assets Data Jobs Components Pipelines Environments Models Endpoints Manage Compute Datastores Linked Services

select col

Tags: All

Data

3 assets

Select Columns Microsoft Create a transform of columns as in azureml.Designe

Select Columns Microsoft Selects columns in an operation. azureml.Designe

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

Pipeline-Created-on-06-12-2022

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

Settings

Columns in Datas... Edit column

value is required.

Output settings

Settings

Component information

Navigator 100% 1:1

The select columns by name will also be available using registered dataset.