

# Handson

16 March 2024 22:01

1 1 + Last update... |

You can find the prebuilt sample data under Component tab. Click here

titanic Version 1 3/16/2024

Search by name, tags and description

Tags: All Add filter

Data Component

1 1 + Last update... |

You can find the prebuilt sample data under Component tab. Click here

titanic Version 1 3/16/2024

Drag & Drop

Navigator 1

Pipeline-Created-on-03-16-2024

titanic titanic v 1 Data output

If you double click

Pipeline-Created-on-03-16-2024

titanic v 1 Data output

titanic

Parameters Outputs

Data name: titanic

ID: b51770cc-7b16-4624-8e8a-1646d12e348d

Data type:

Set as pipeline input

input name:

Pipeline interface

to close

Step 2: Components.

Default Directory > mlposday2 > Designer > Authoring

1 1 + Last update... |

Search by name, tags and description

Tags: All Add filter

Data Component

95 1 + Sample data (16)

- ▶ Sample data (16)
- ▶ Data Transformation (19)
- ▶ Computer Vision (6)
- ▶ Model Scoring & Evaluation (6)
- ▶ Machine Learning Algorithms (19)
- ▶ Text Analytics (7)
- ▶ Python Language (2)

Navigator 100%

Default Directory > mlposday2 > Designer > Authoring

clean missing data

Tags: All + Add filter

Data Component

2 + Most relevant

Automobile price data (Raw) Microsoft Clean missing data module required. Prices of various automobiles against make, model and tech... azurerm.Designer:true

Clean Missing Data Microsoft Specifies how to handle the values missing from a dataset. [Learn More](https://aka.ms/aml/clean-mis...)

Drag and drop

data

Component

Most relevant

titanic

Clean Missing Data clean\_missing\_data

Parameters

titanic

Data output

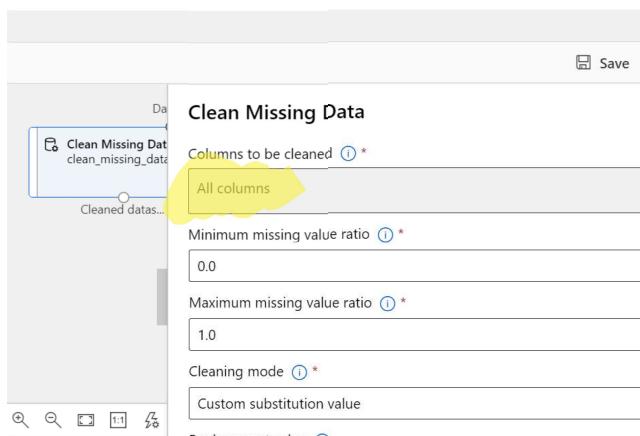
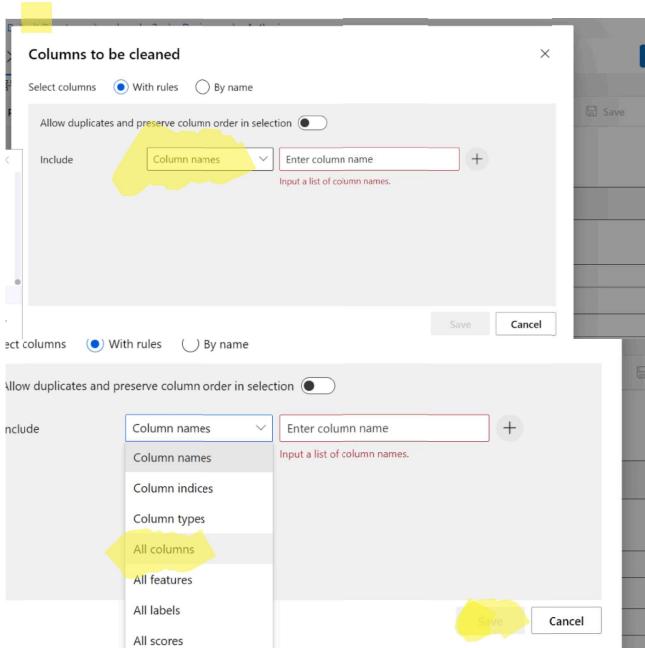
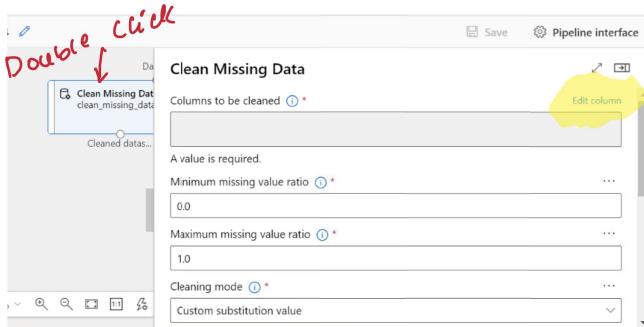
Dataset

Cleaned data... Cleaning tra...

Connecting

Parameters

- Columns to be cleaned
- Minimum missing value ratio
- Maximum missing value ratio
- Cleaning mode
- Replacement value
- Generate missing value indicator column



0  
Generate missing value indicator column ⓘ \*  
False

## Clean Missing Data

...  
Cleaning mode ⓘ \*

- Custom substitution value
- Custom substitution value
- Replace with mean
- Replace with median
- Replace with mode
- Remove entire row**
- Remove entire column

...  
Cleaning mode ⓘ \*

**Remove entire row**

### Output settings

### Input settings

### Run settings

Save

## Clean Missing Data

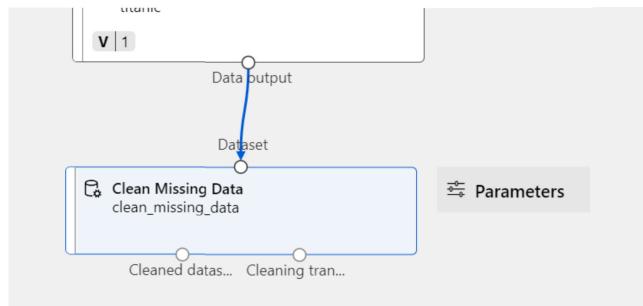
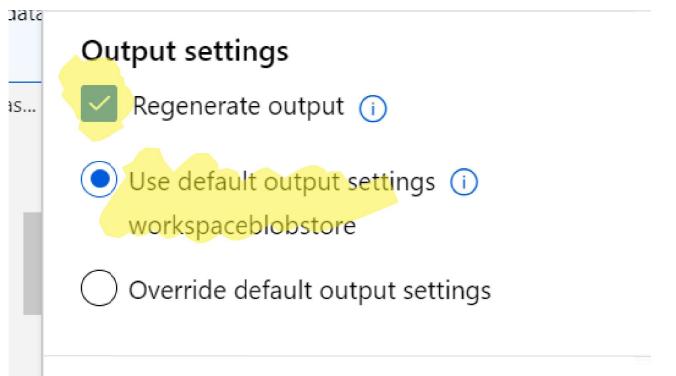
Regenerate output ⓘ  
 Use default output settings ⓘ  
 Override default output settings

Cleaned dataset

Mode \*

Datastore \*

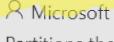
Path on datastore

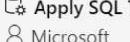


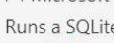
Split data Component

split data

Tags: All Add filter

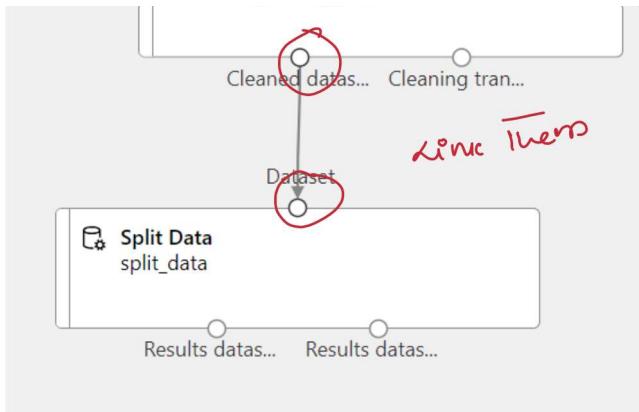
	Data	Component
2	2	Most relevant
+ +		
 Split Data		
 Microsoft		
Partitions the rows of a <b>dataset</b> into two distinct sets.		
[Learn More](https://aka.ms/aml/split-data)		
azureml.Designer:true		
1/13/2023		

 Apply SQL Transformation

 Microsoft

Runs a SQLite query on input **datasets** to transform





Created-on-03-16-2024

**Split Data**

Splitting mode: Split Rows ✓

Fraction of rows in the first output dataset: 0.7 ✓

Randomized split: True

Random seed: 0

Train model Component

train model

**Component**

Train Model

Trains a classification or regression model in a supervised manner. [Learn More](https://aka.ms/aml/train-model)

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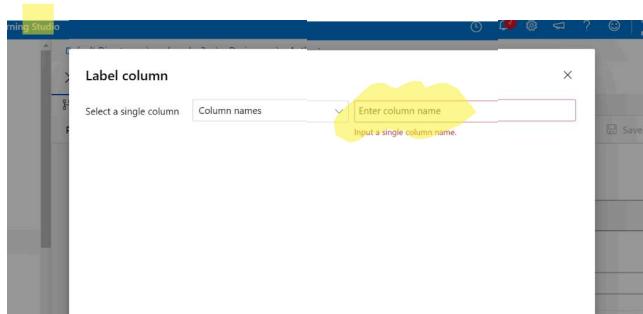
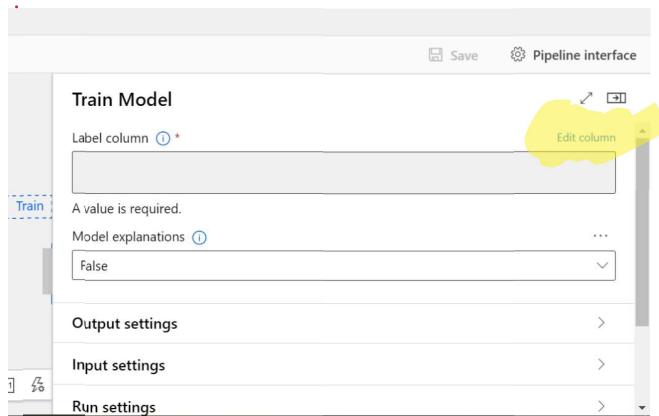
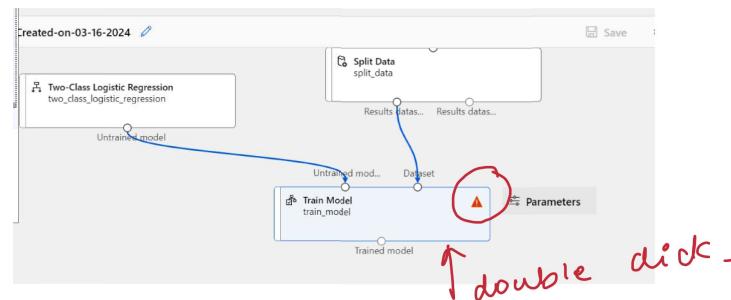
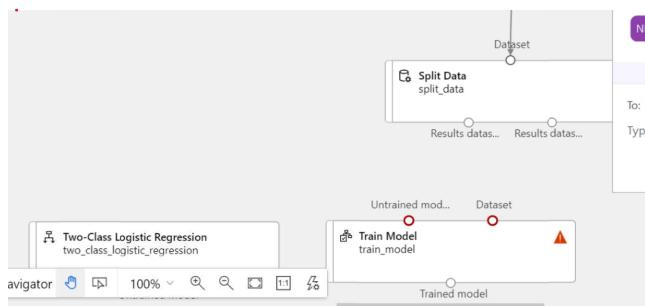
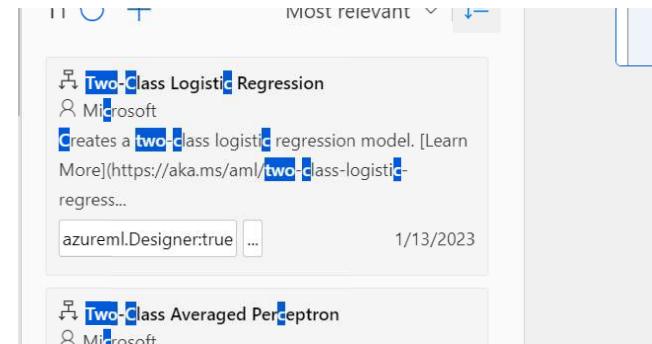
Train Clustering Model

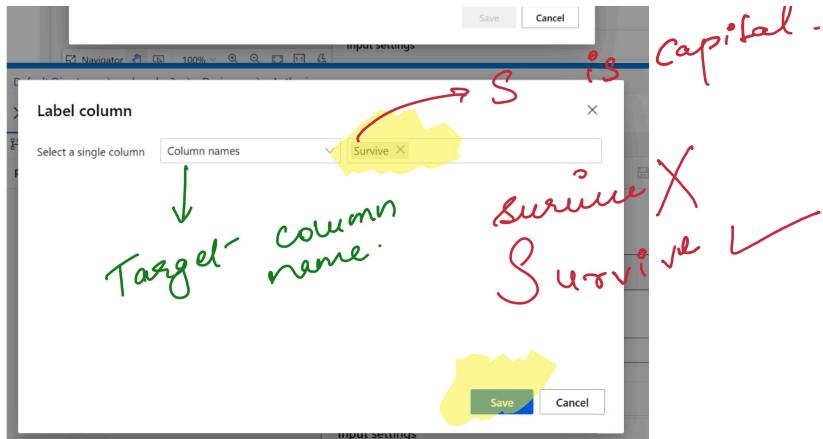
Train clustering model and assign data to clusters. [Learn More](https://aka.ms/aml/train-clustering-model)

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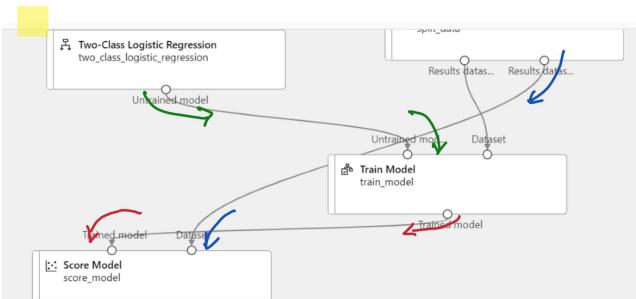
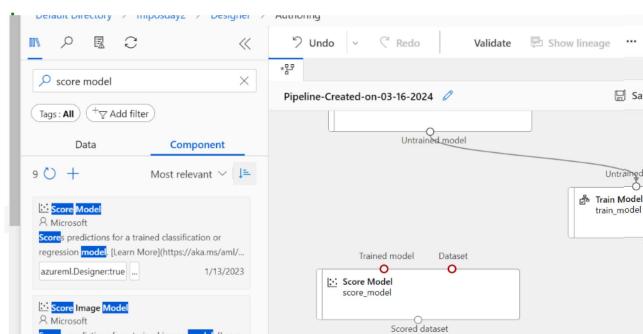
Use component

2 class Logistic Regression.





Score model.



Evaluate Recommender

