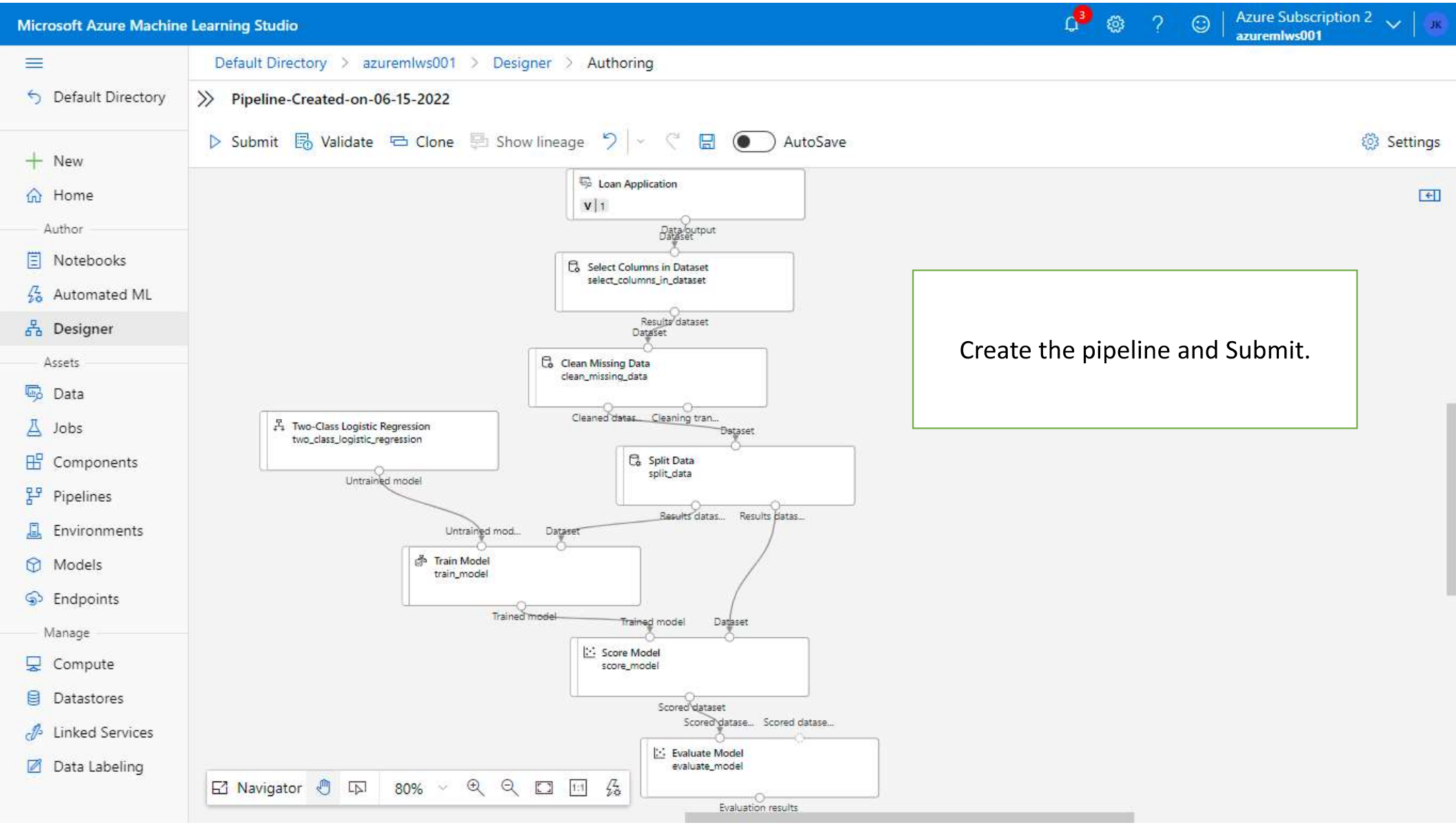
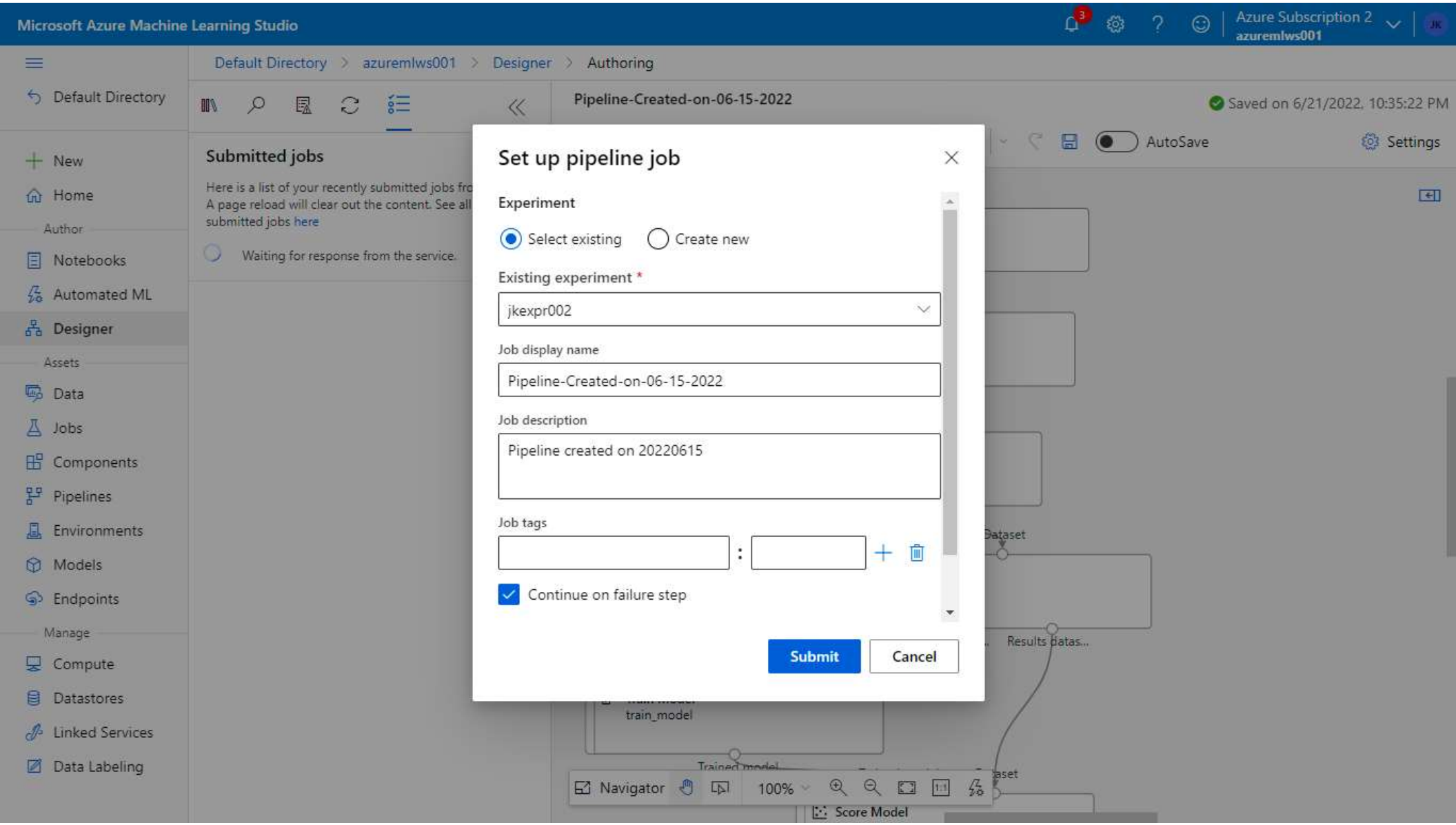
Dealing with the Select Columns in the inference pipeline job in the new Designer UI.


Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
Default Directory
azuremlws001
Designer
Authoring
Pipeline-Created-on-06-15-2022
Submit
Validate
Clone
Show lineage
AutoSave
Settings
New
Home
Author
Notebooks
Automated ML
Designer
Assets
Data
Jobs
Components
Pipelines
Environments
Models
Endpoints
Manage
Compute
Datastores
Linked Services
Data Labeling
Loan Application
Data output
Dataset
Select Columns in Dataset
select_columns_in_dataset
Results dataset
Dataset
Clean Missing Data
clean_missing_data
Cleaned datas...
Cleaning tran...
Dataset
Two-Class Logistic Regression
two_class_logistic_regression
Untrained model
Split Data
split_data
Results datas...
Results datas...
Untrained mod...
Dataset
Train Model
train_model
Trained model
Trained model
Dataset
Score Model
score_model
Scored dataset
Scored datase...
Scored datase...
Evaluate Model
evaluate_model
Evaluation results
Navigator
80%
Create the pipeline and Submit.


Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
Default Directory
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Designer
Authoring
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New
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Notebooks
Automated ML
Designer
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Jobs
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Pipelines
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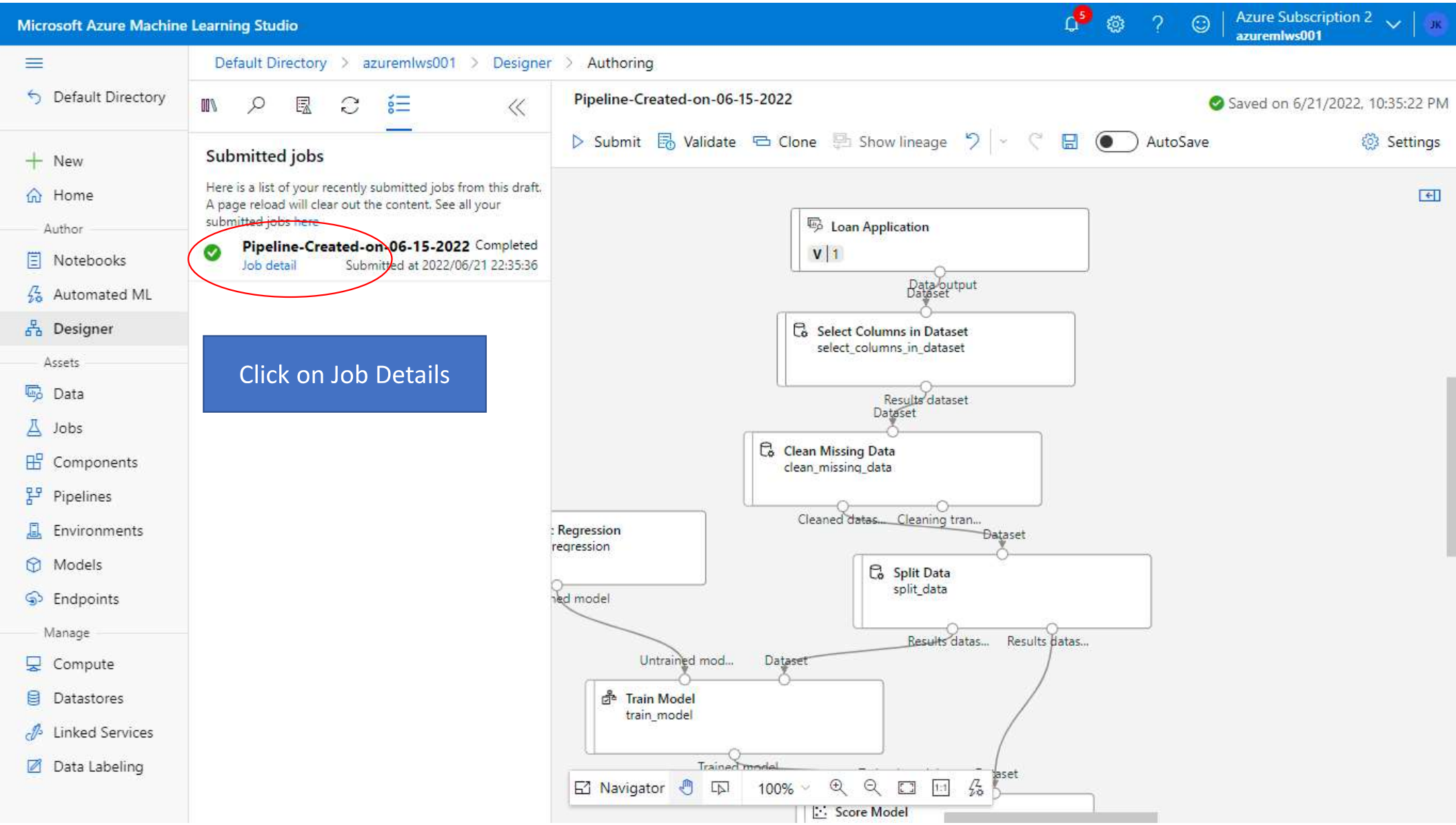
Manage
Compute
Datastores
Linked Services
Data Labeling
Submitted jobs
Here is a list of your recently submitted jobs fro
A page reload will clear out the content. See all
submitted jobs here
Waiting for response from the service.
Pipeline-Created-on-06-15-2022
Saved on 6/21/2022, 10:35:22 PM
AutoSave
Settings
Set up pipeline job
Experiment
Select existing
Create new
Existing experiment *
jkexpr002
Job display name
Pipeline-Created-on-06-15-2022
Job description
Pipeline created on 20220615
Job tags
Continue on failure step
Submit
Cancel
Dataset
Results datas...
train_model
Trained model
Navigator
100%
Score Model


Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
Default Directory
azuremlws001
Designer
Authoring
Default Directory
New
Home
Author
Notebooks
Automated ML
Designer
Assets
Data
Jobs
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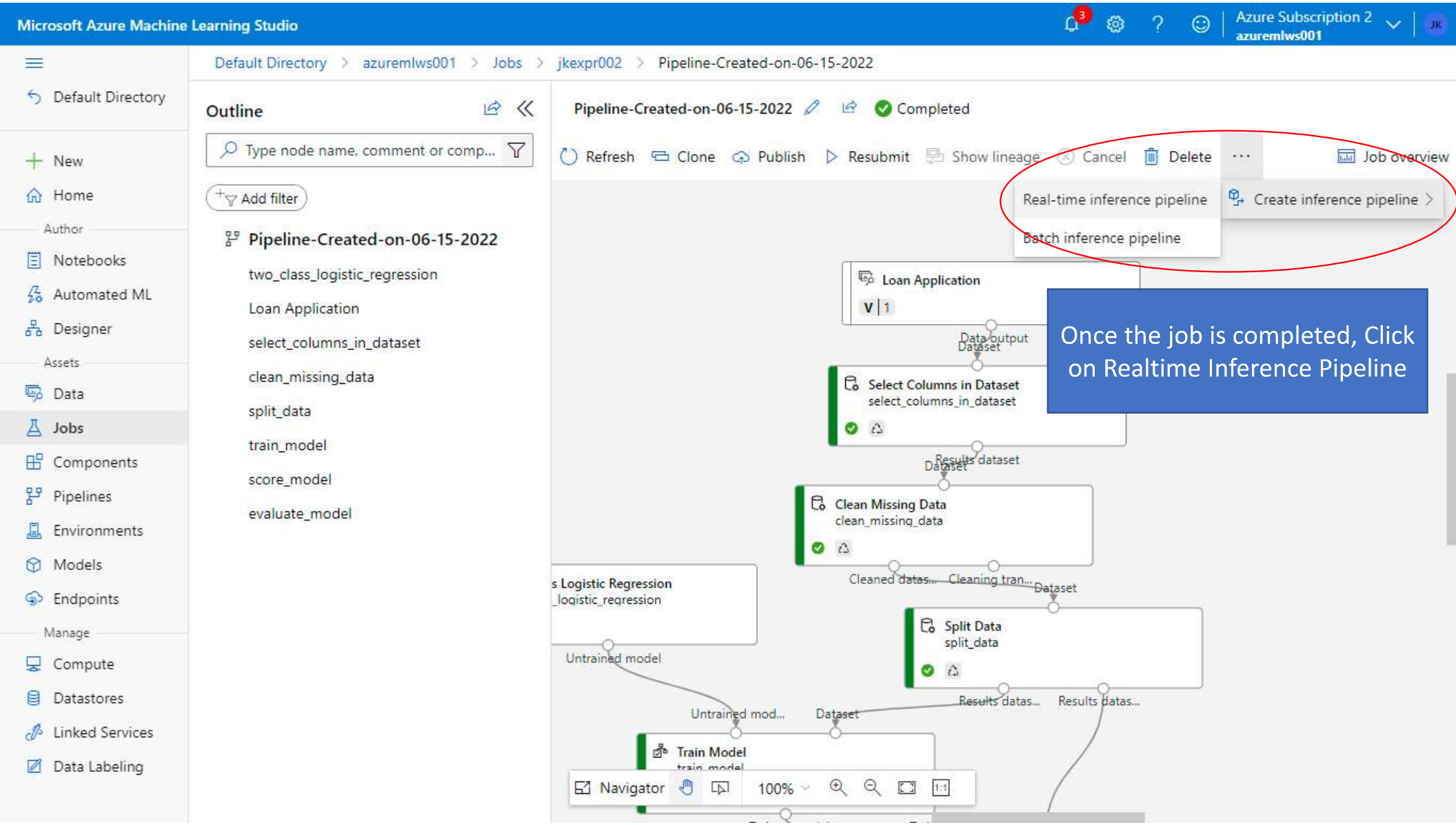
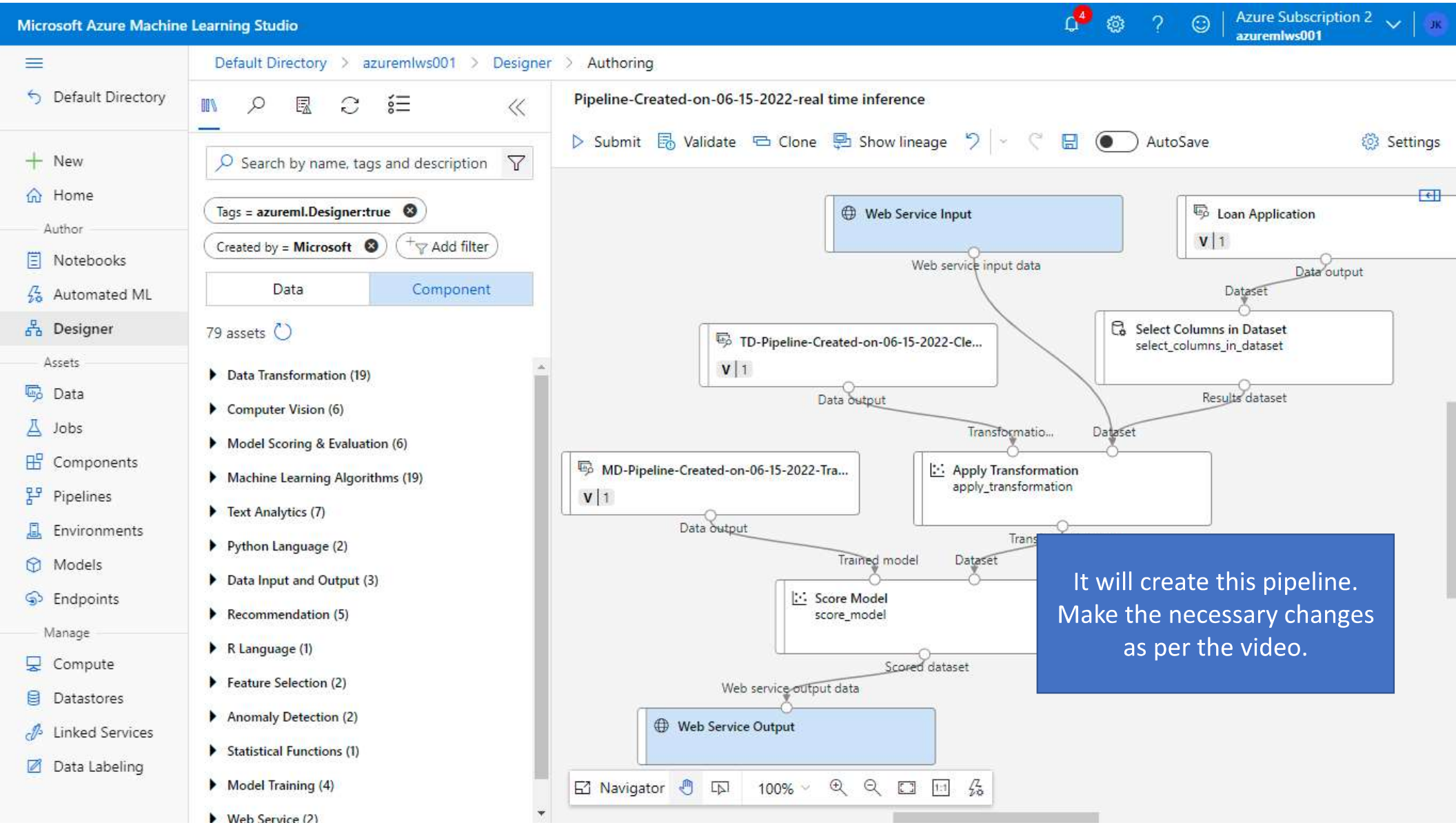
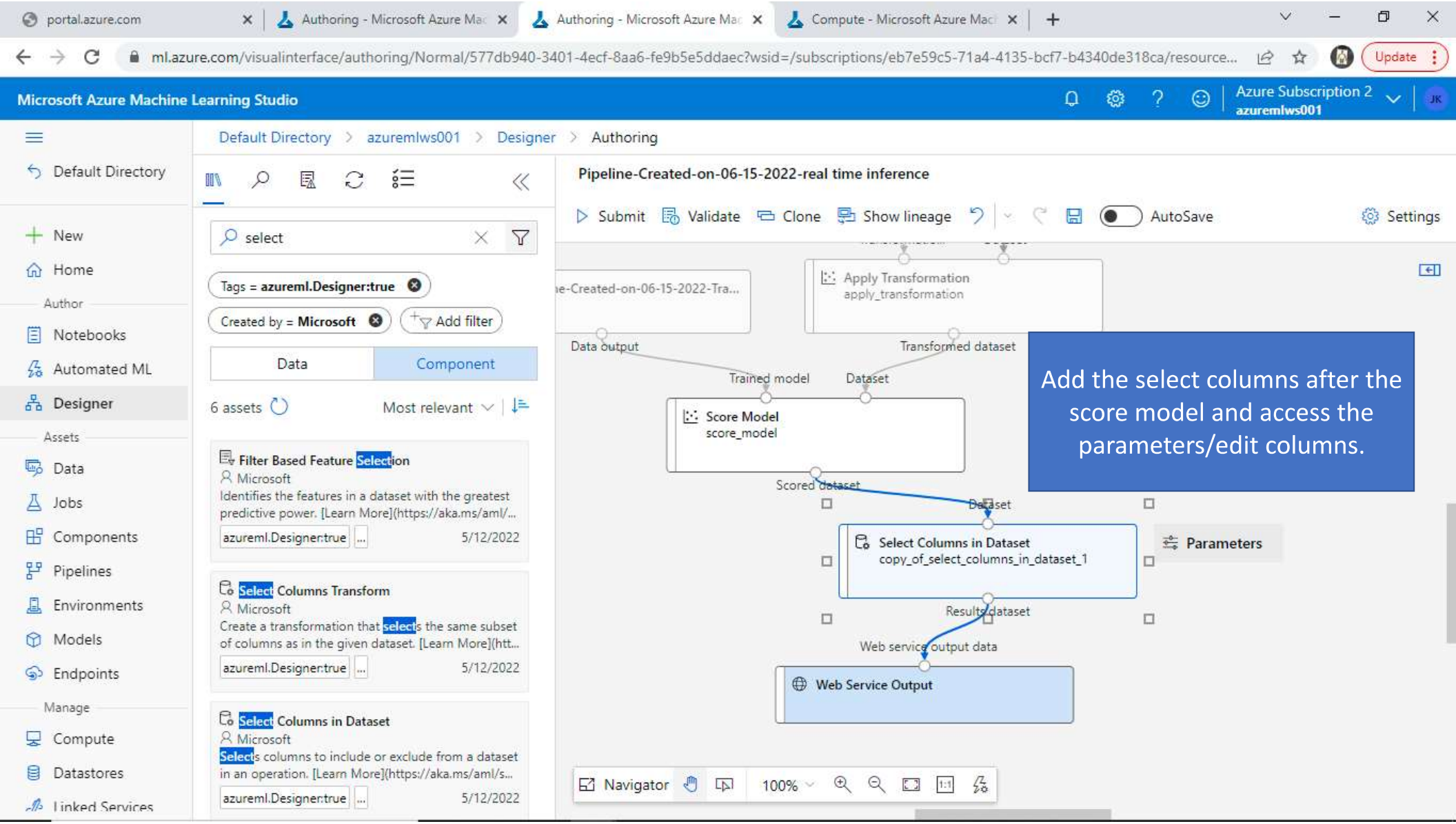
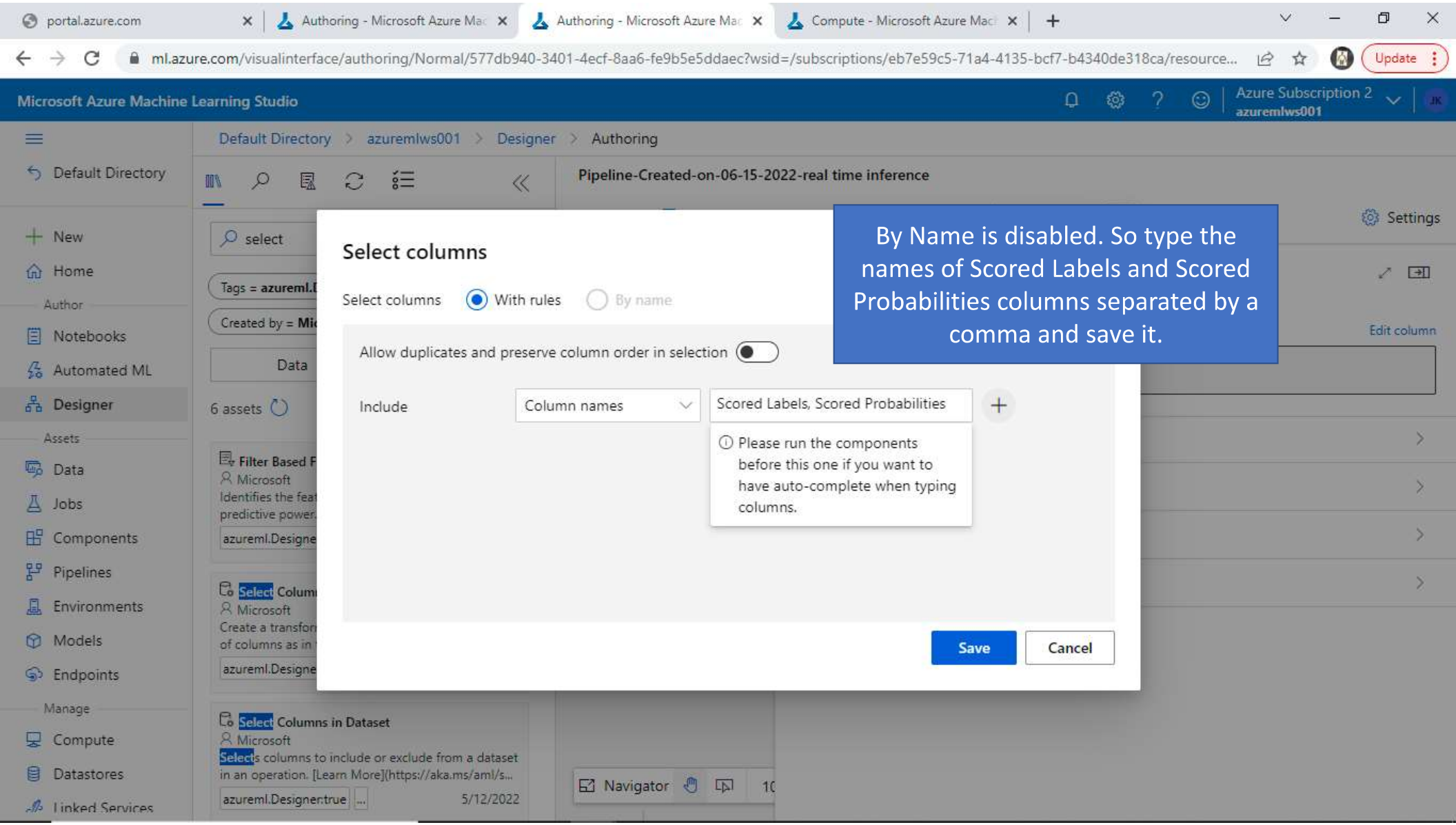
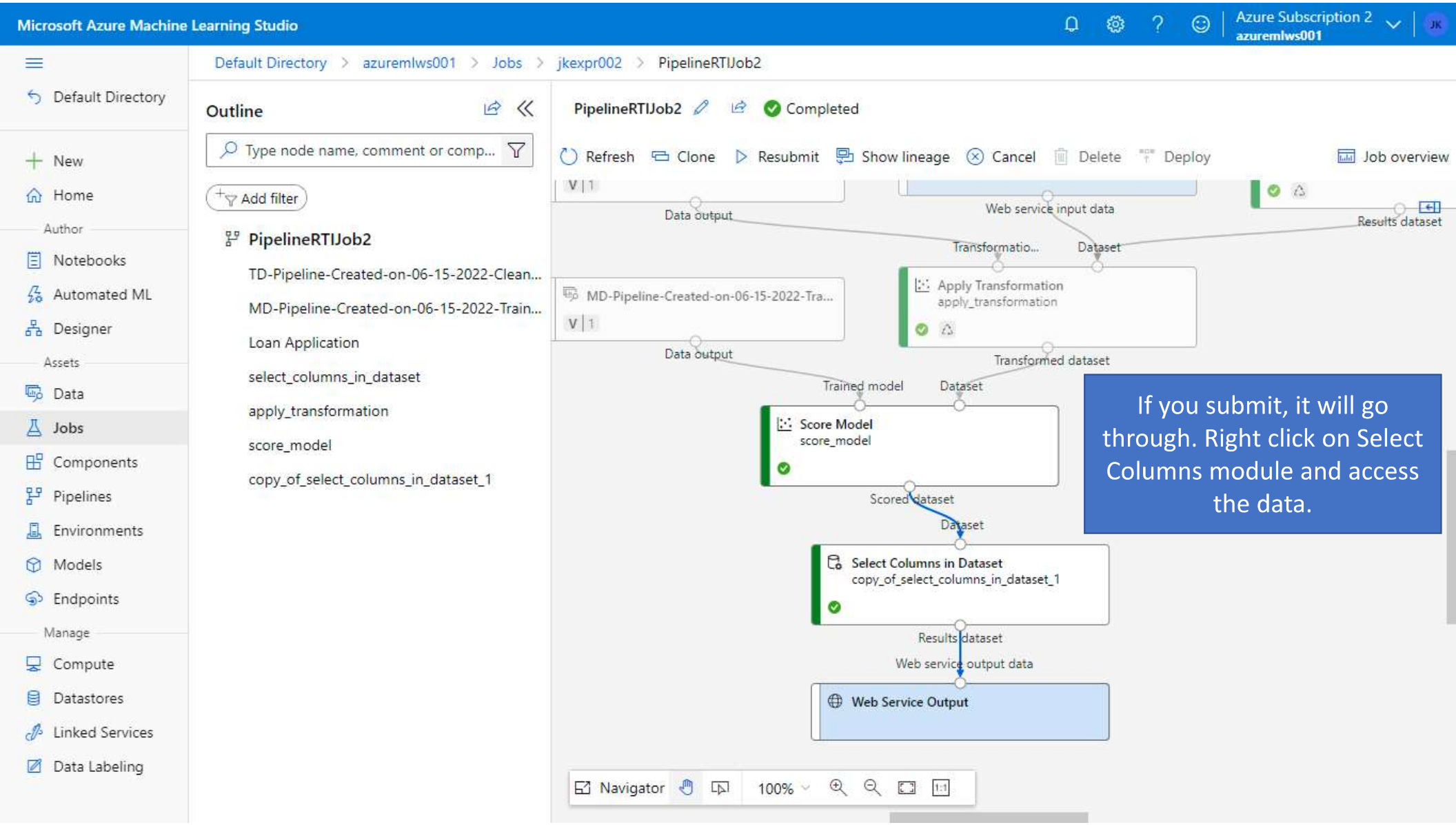
Pipelines
Environments
Models
Endpoints
Manage
Compute
Datastores
Linked Services
Data Labeling
Submitted jobs
Here is a list of your recently submitted jobs from this draft. A page reload will clear out the content. See all your submitted jobs here.
Pipeline-Created-on-06-15-2022 Completed
Job detail
Submitted at 2022/06/21 22:35:36
Click on Job Details
Pipeline-Created-on-06-15-2022
Saved on 6/21/2022, 10:35:22 PM
Submit
Validate
Clone
Show lineage
AutoSave
Settings
Loan Application
Data output
Dataset
Select Columns in Dataset
select_columns_in_dataset
Results dataset
Dataset
Clean Missing Data
clean_missing_data
Cleaned datas...
Cleaning tran...
Dataset
Split Data
split_data
Results datas...
Results datas...
Untrained mod...
Dataset
Train Model
train_model
Trained model
Navigator
100%
Score Model


Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
Default Directory
azuremlws001
Jobs
jkexpr002
Pipeline-Created-on-06-15-2022
Default Directory
New
Home
Author
Notebooks
Automated ML
Designer
Assets
Data
Jobs
Components
Pipelines
Environments
Models
Endpoints
Manage
Compute
Datastores
Linked Services
Data Labeling
Outline
Type node name, comment or comp...
Add filter
Pipeline-Created-on-06-15-2022
two_class_logistic_regression
Loan Application
select_columns_in_dataset
clean_missing_data
split_data
train_model
score_model
evaluate_model
Pipeline-Created-on-06-15-2022
Completed
Refresh
Clone
Publish
Resubmit
Show lineage
Cancel
Delete
Job overview
Real-time inference pipeline
Batch inference pipeline
Create inference pipeline
Loan Application
V 1
Data output
Dataset
Select Columns in Dataset
select_columns_in_dataset
Results dataset
Dataset
Clean Missing Data
clean_missing_data
Cleaned datas...
Cleaning tran...
Dataset
s Logistic Regression
_logistic_regression
Untrained model
Split Data
split_data
Results datas...
Results datas...
Untrained mod...
Dataset
Train Model
Navigator
100%
Once the job is completed, Click on Realtime Inference Pipeline


Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
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
Data Labeling
Search by name, tags and description
Tags = azureml.Designer:true
Created by = Microsoft
Add filter
Data
Component
79 assets
Data Transformation (19)
Computer Vision (6)
Model Scoring & Evaluation (6)
Machine Learning Algorithms (19)
Text Analytics (7)
Python Language (2)
Data Input and Output (3)
Recommendation (5)
R Language (1)
Feature Selection (2)
Anomaly Detection (2)
Statistical Functions (1)
Model Training (4)
Web Service (2)
Pipeline-Created-on-06-15-2022-real time inference
Submit
Validate
Clone
Show lineage
AutoSave
Settings
Web Service Input
Web service input data
Loan Application
V | 1
Data output
Dataset
Select Columns in Dataset
select_columns_in_dataset
Results dataset
TD-Pipeline-Created-on-06-15-2022-Cle...
V | 1
Data output
Transformatio...
Dataset
MD-Pipeline-Created-on-06-15-2022-Tra...
V | 1
Data output
Apply Transformation
apply_transformation
Trained model
Dataset
Score Model
score_model
Scored dataset
Web service output data
Web Service Output
Navigator
100%
It will create this pipeline.
Make the necessary changes
as per the video.


portal.azure.com
Authoring - Microsoft Azure Mac
Authoring - Microsoft Azure Mac
Compute - Microsoft Azure Mac
ml.azure.com/visualinterface/authoring/Normal/577db940-3401-4ecf-8aa6-fe9b5e5ddaec?wsid=/subscriptions/eb7e59c5-71a4-4135-bcf7-b4340de318ca/resource...
Update
Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
Default Directory
New
Home
Author
Notebooks
Automated ML
Designer
Assets
Data
Jobs
Components
Pipelines
Environments
Models
Endpoints
Manage
Compute
Datastores
Linked Services
Default Directory > azuremlws001 > Designer > Authoring
select
Tags = azureml.Designer:true
Created by = Microsoft
Add filter
Data
Component
6 assets
Most relevant
Filter Based Feature Selection
Microsoft
Identifies the features in a dataset with the greatest predictive power. [Learn More](https://aka.ms/aml/...
azureml.Designer:true
5/12/2022
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
Pipeline-Created-on-06-15-2022-real time inference
Submit
Validate
Clone
Show lineage
AutoSave
Settings
Apply Transformation
apply_transformation
Data output
Transformed dataset
Trained model
Dataset
Score Model
score_model
Scored dataset
Dataset
Select Columns in Dataset
copy_of_select_columns_in_dataset_1
Parameters
Results dataset
Web service output data
Web Service Output
Add the select columns after the score model and access the parameters/edit columns.
Navigator
100%


portal.azure.com
Authoring - Microsoft Azure Mac
Authoring - Microsoft Azure Mac
Compute - Microsoft Azure Mac
ml.azure.com/visualinterface/authoring/Normal/577db940-3401-4ecf-8aa6-fe9b5e5ddaec?wsid=/subscriptions/eb7e59c5-71a4-4135-bcf7-b4340de318ca/resource...
Update
Microsoft Azure Machine Learning Studio
Azure Subscription 2
azuremlws001
Default Directory
azuremlws001
Designer
Authoring
Pipeline-Created-on-06-15-2022-real time inference
Settings
Edit column
New
Home
Author
Notebooks
Automated ML
Designer
Assets
Data
Jobs
Components
Pipelines
Environments
Models
Endpoints
Manage
Compute
Datastores
Linked Services
select
Tags = azureml.
Created by = Mic
Data
6 assets
Filter Based F
Microsoft
Identifies the feat
predictive power.
azureml.Designe
Select Colum
Microsoft
Create a transfor
of columns as in
azureml.Designe
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
Navigator
Select columns
Select columns
With rules
By name
Allow duplicates and preserve column order in selection
Include
Column names
Scored Labels, Scored Probabilities
Please run the components before this one if you want to have auto-complete when typing columns.
Save
Cancel
By Name is disabled. So type the names of Scored Labels and Scored Probabilities columns separated by a comma and save it.


Microsoft Azure Machine Learning Studio
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jkexpr002
PipelineRTIJob2
Default Directory
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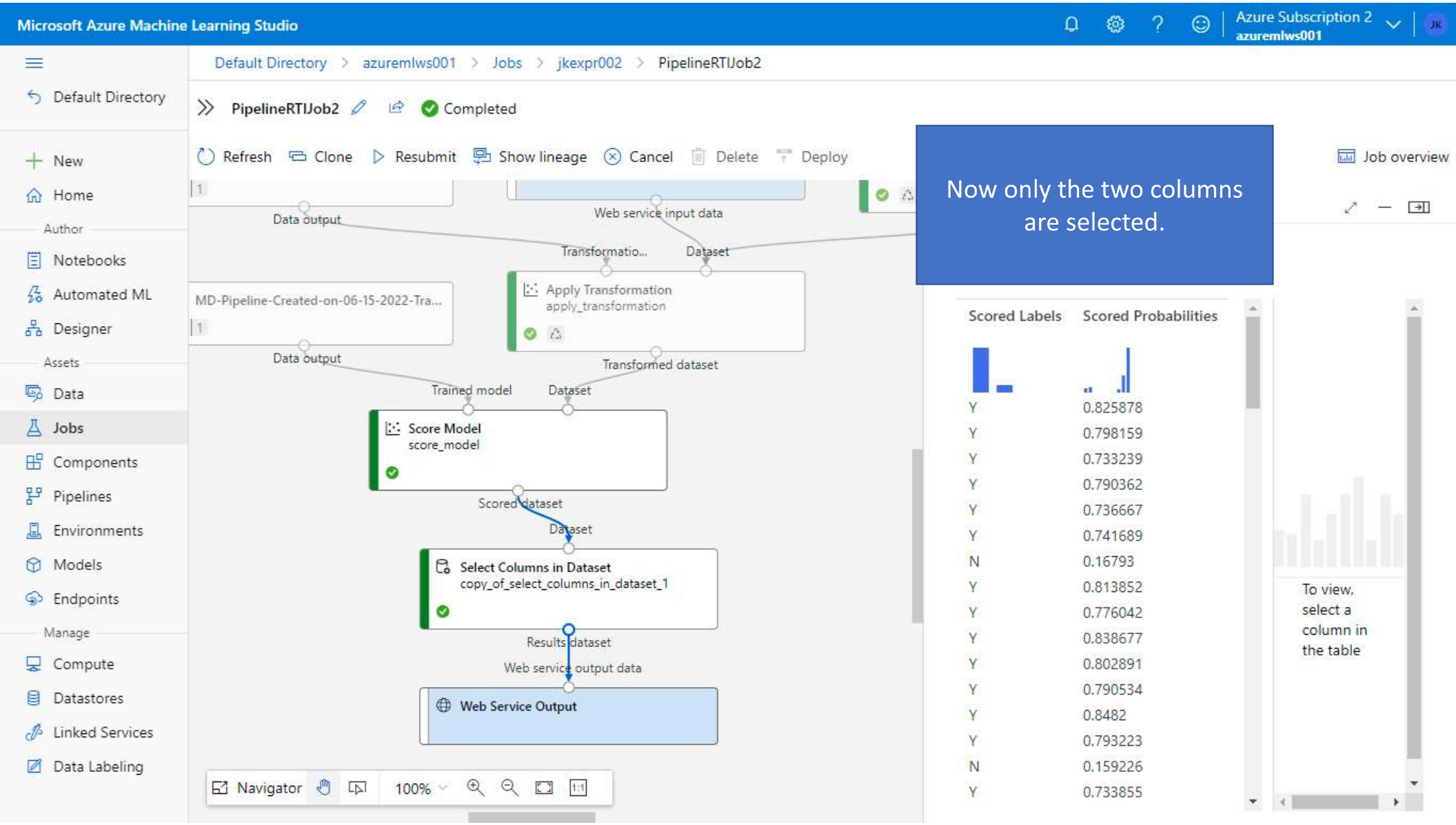
Jobs
Components
Pipelines
Environments
Models
Endpoints
Manage
Compute
Datastores
Linked Services
Data Labeling
Outline
Type node name, comment or comp...
Add filter
PipelineRTIJob2
TD-Pipeline-Created-on-06-15-2022-Clean...
MD-Pipeline-Created-on-06-15-2022-Train...
Loan Application
select_columns_in_dataset
apply_transformation
score_model
copy_of_select_columns_in_dataset_1
PipelineRTIJob2
Completed
Refresh
Clone
Resubmit
Show lineage
Cancel
Delete
Deploy
Job overview
Data output
Web service input data
Results dataset
Transformatio...
Dataset
MD-Pipeline-Created-on-06-15-2022-Tra...
Apply Transformation
apply_transformation
Data output
Transformed dataset
Trained model
Dataset
Score Model
score_model
Scored dataset
Dataset
Select Columns in Dataset
copy_of_select_columns_in_dataset_1
Results dataset
Web service output data
Web Service Output
Navigator
100%
If you submit, it will go through. Right click on Select Columns module and access the data.


Microsoft Azure Machine Learning Studio
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Default Directory
azuremlws001
Jobs
jkexpr002
PipelineRTIJob2
Default Directory
New
Home
Author
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Environments
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Manage
Compute
Datastores
Linked Services
Data Labeling
PipelineRTIJob2
Completed
Refresh
Clone
Resubmit
Show lineage
Cancel
Delete
Deploy
Job overview
Now only the two columns are selected.
Data output
Web service input data
Transformatio...
Dataset
Apply Transformation
apply_transformation
MD-Pipeline-Created-on-06-15-2022-Tra...
Data output
Transformed dataset
Trained model
Dataset
Score Model
score_model
Scored dataset
Dataset
Select Columns in Dataset
copy_of_select_columns_in_dataset_1
Results dataset
Web service output data
Web Service Output
Navigator
100%
Scored Labels
Scored Probabilities
Y 0.825878
Y 0.798159
Y 0.733239
Y 0.790362
Y 0.736667
Y 0.741689
N 0.16793
Y 0.813852
Y 0.776042
Y 0.838677
Y 0.802891
Y 0.790534
Y 0.8482
Y 0.793223
N 0.159226
Y 0.733855
To view, select a column in the table