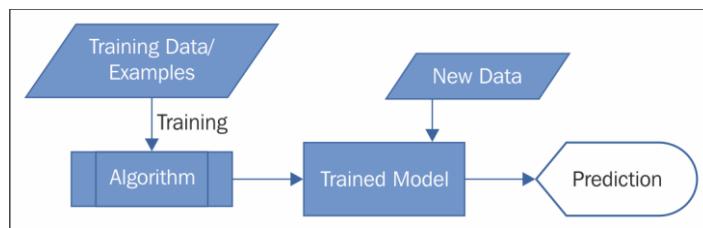
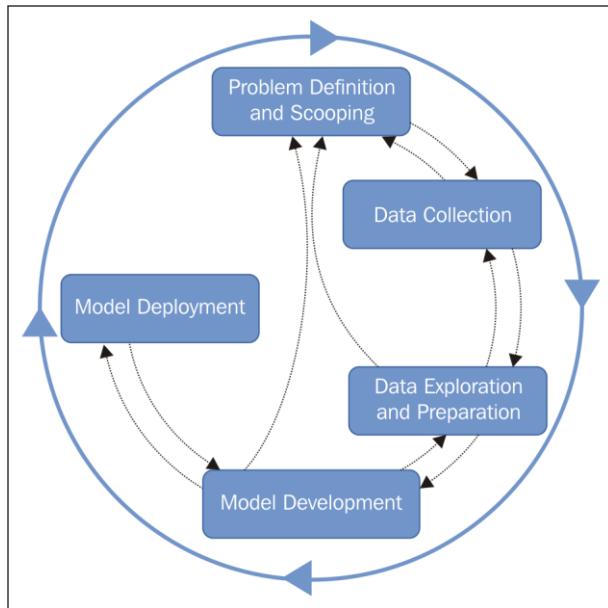
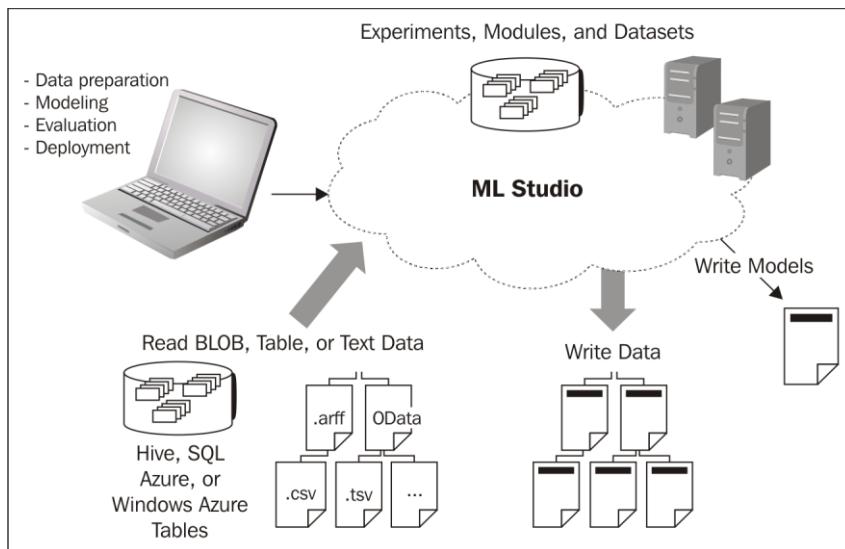


Chapter 1



Chapter 2



Microsoft Azure

MACHINE LEARNING

You have no ML workspaces.

CREATE AN ML WORKSPACE →

NAME	STATUS	OWNER	SUBSCRIPTION	LOCATION
dvanatest	→ ✓	@live.com	Microsoft Cloud for Government	US Gov - Central

Microsoft Azure

MACHINE LEARNING

NAME	STATUS	OWNER	SUBSCRIPTION	LOCATION
dvanatest	→ ✓	@live.com	Microsoft Cloud for Government	US Gov - Central

mlworkspace

DASHBOARD CONFIGURE WEB SERVICES

NAME	STORAGE	STATUS	OWNER	SUBSCRIPTION
mlWorkspace	mlstorageXXXXXX	✓ Online	XXXXXXXX@XXXXXX.com	XXXXXX

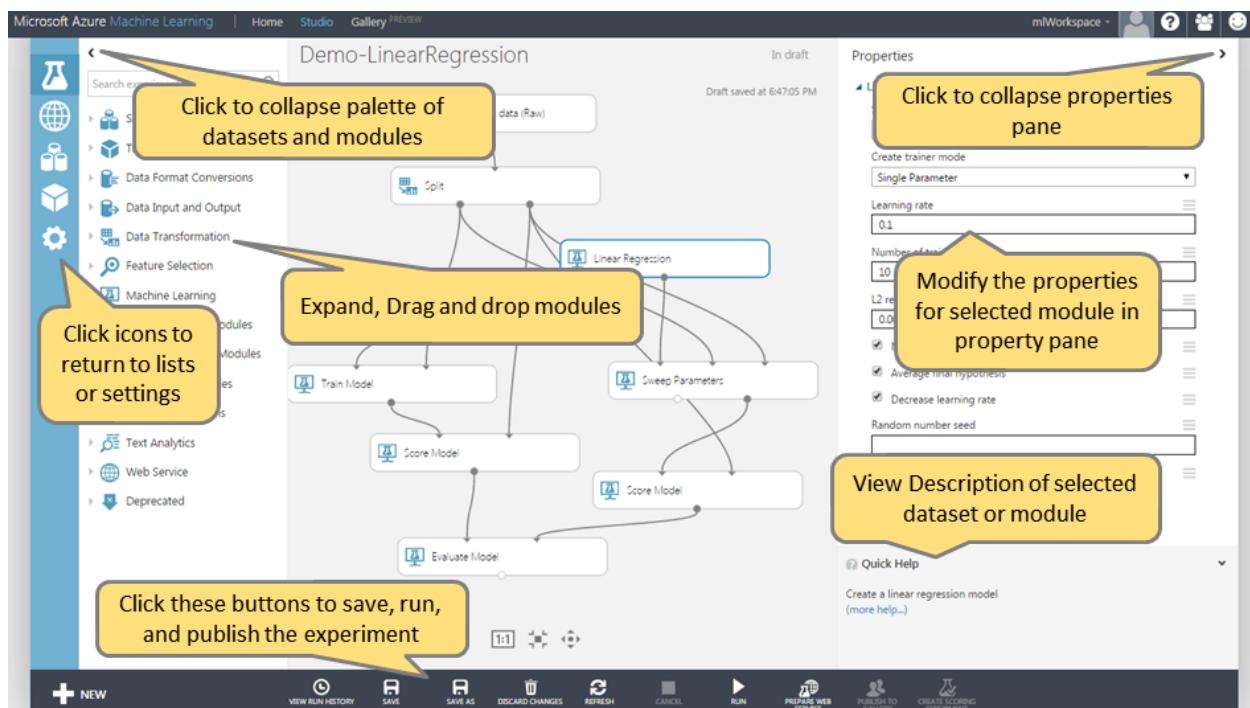
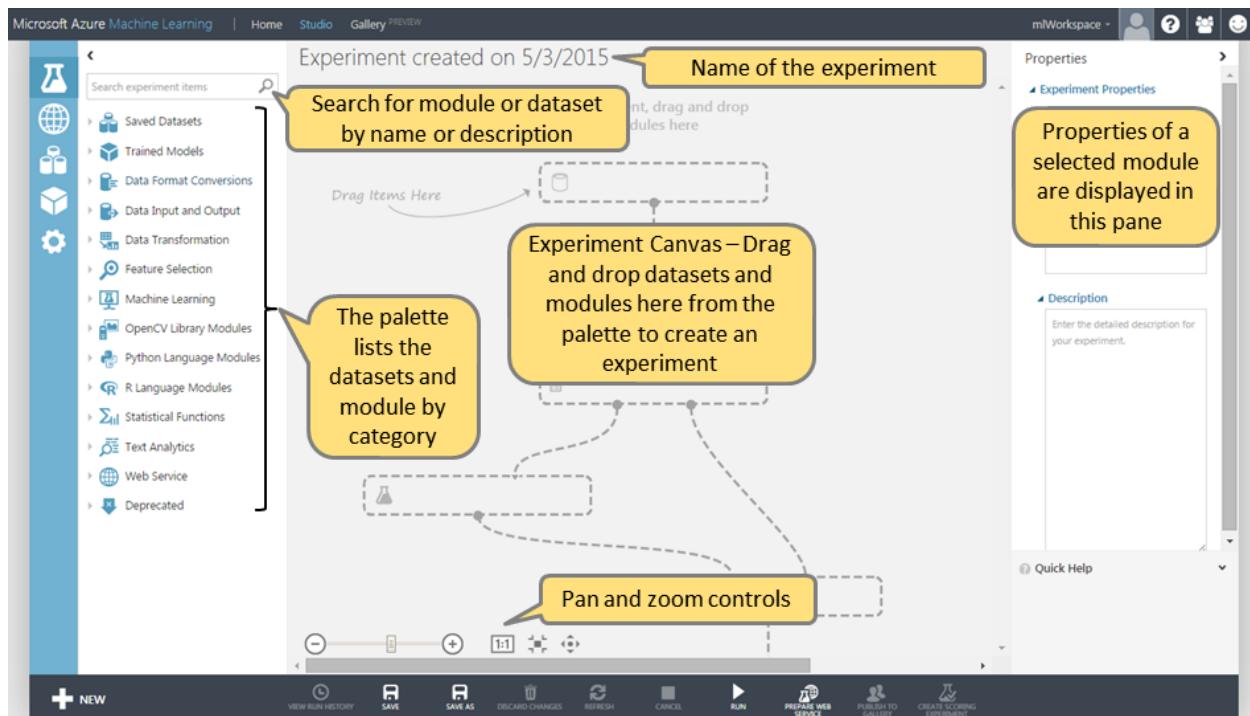
NEW **MANAGE KEYS** **OPEN IN STUDIO** **DELETE**

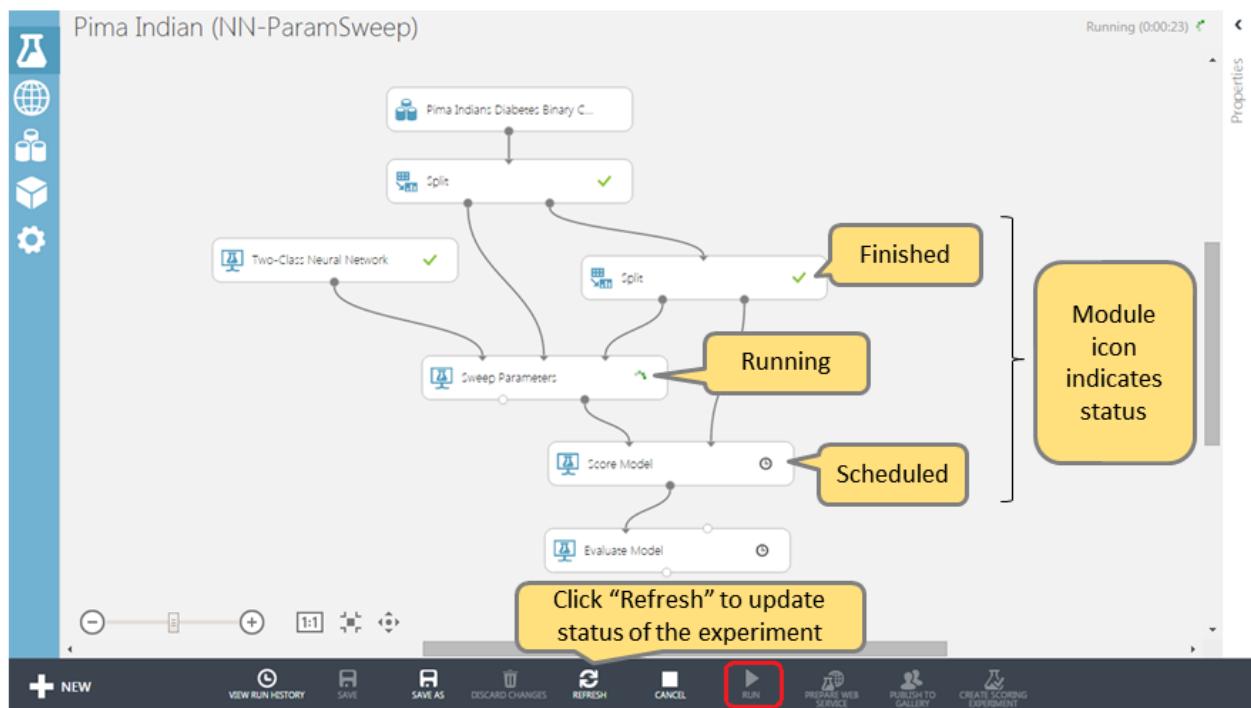
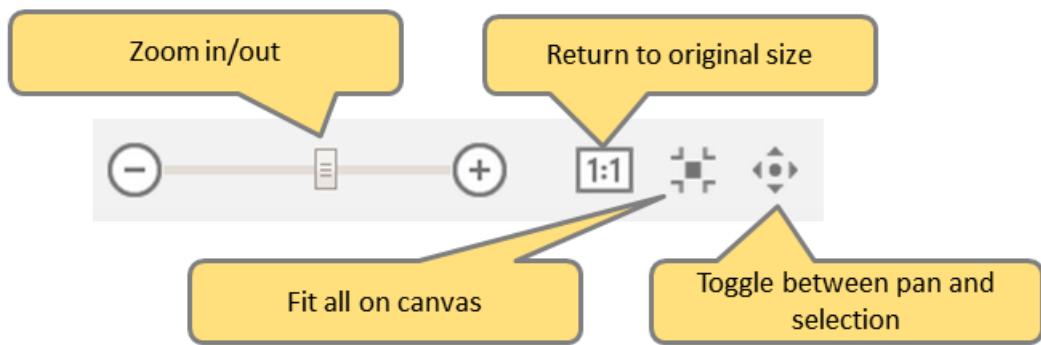
experiments

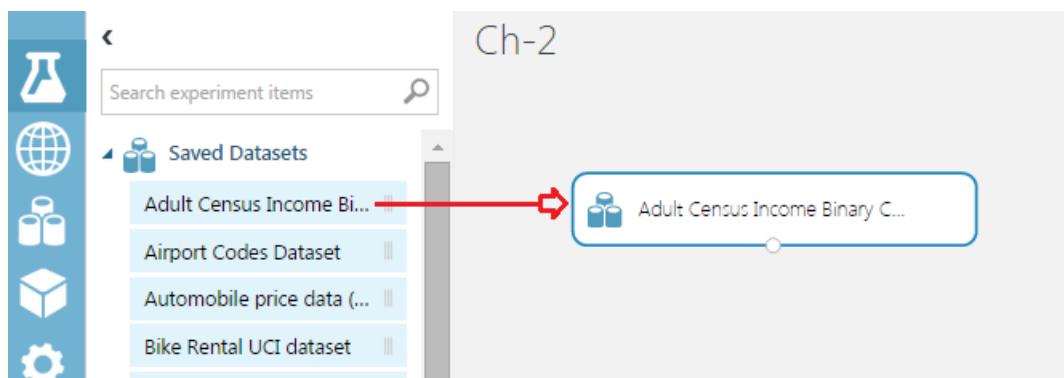
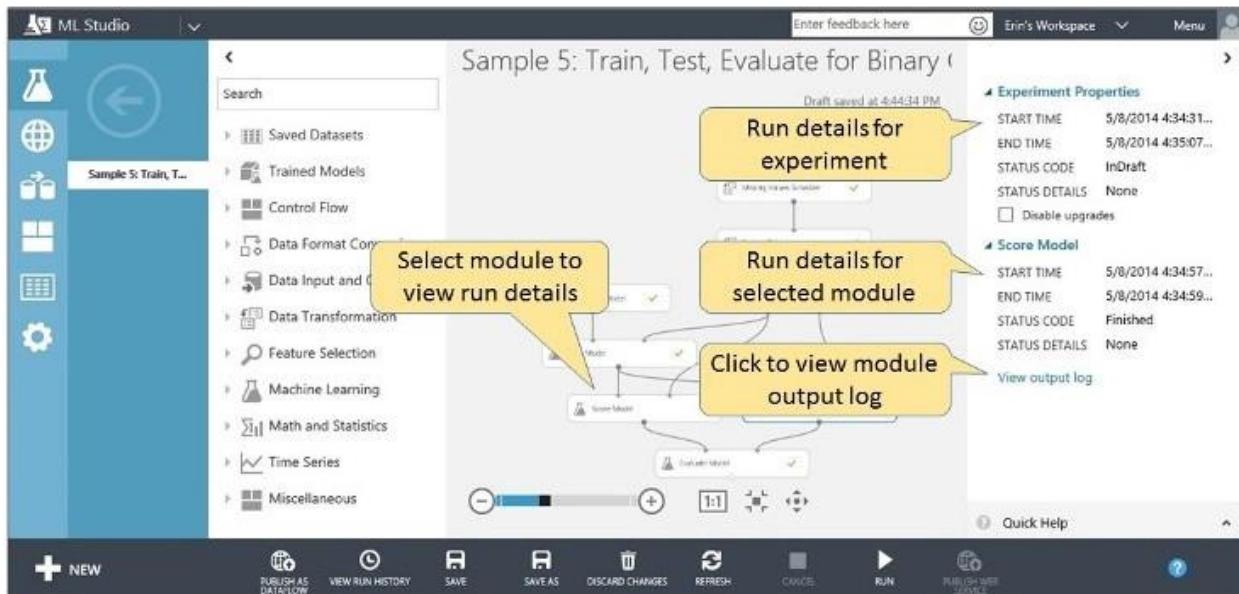
MY EXPERIMENTS SAMPLES

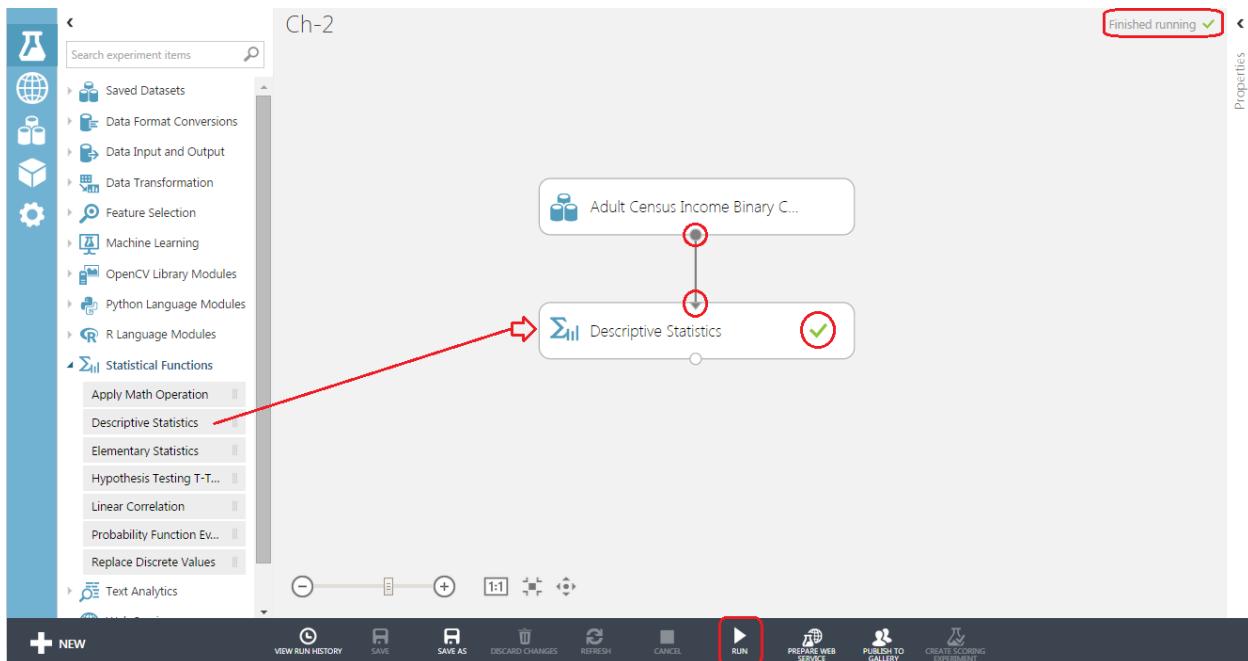
NAME	AUTHOR	STATUS	LAST EDITED
Demo-LinearRegression	sumitmund	Draft	11/16/2014 2:11:53 PM
Demo-RegressionDF_Sweep	sumitmund	Draft	11/14/2014 11:46:49 AM
Regression-ForestFire	sumitmund	Draft	11/7/2014 6:36:13 PM
Ch6-DF	sumitmund	Draft	10/27/2014 4:53:12 AM
Ch-3	sumitmund	Draft	10/26/2014 7:52:56 PM
Ch4 - Data Input Output	sumitmund	Draft	10/22/2014 6:57:18 PM
mnist	sumitmund	Finished	10/6/2014 9:27:08 PM
Ch-2	sumitmund	Finished	10/5/2014 6:44:36 AM
Demo-EvaluateModel	sumitmund	Draft	9/21/2014 2:44:35 PM
Demo-R	sumitmund	Finished	8/29/2014 3:44:06 PM

DELETE **COPY TO WORKSPACE**









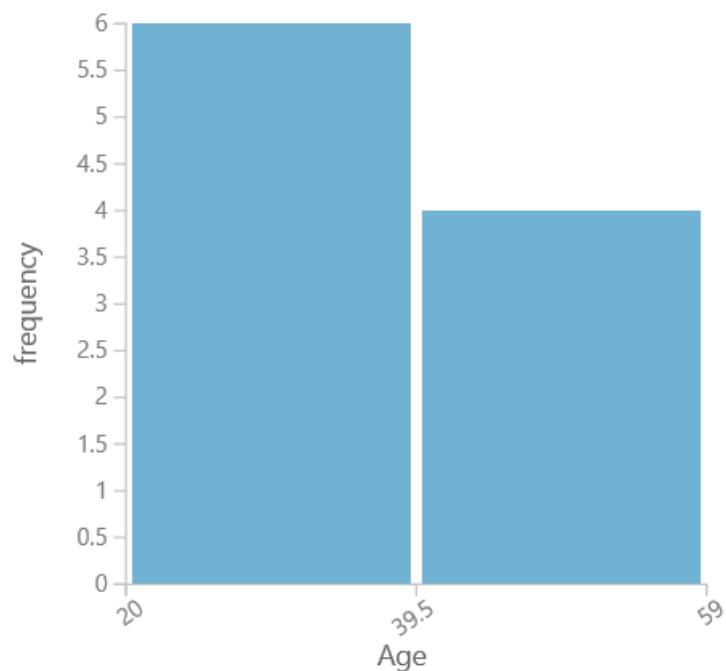
The screenshot shows the Microsoft Azure Machine Learning settings page. The left sidebar includes options for EXPERIMENTS, WEB SERVICES, DATASETS, TRAINED MODELS, and SETTINGS (which is highlighted with a red box). The main content area is titled 'settings' and contains a table with the following data:

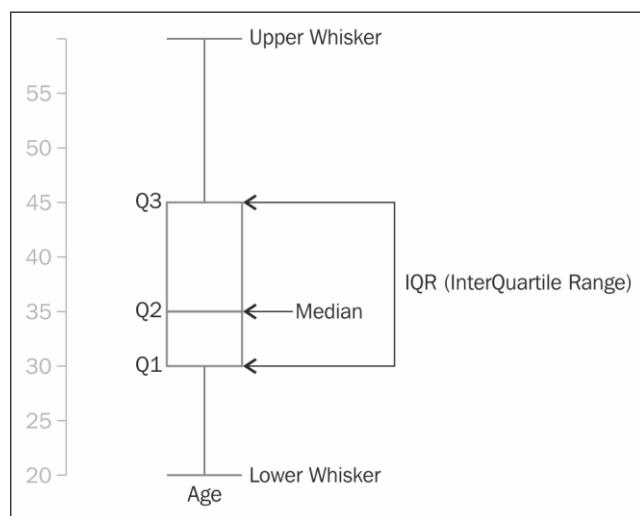
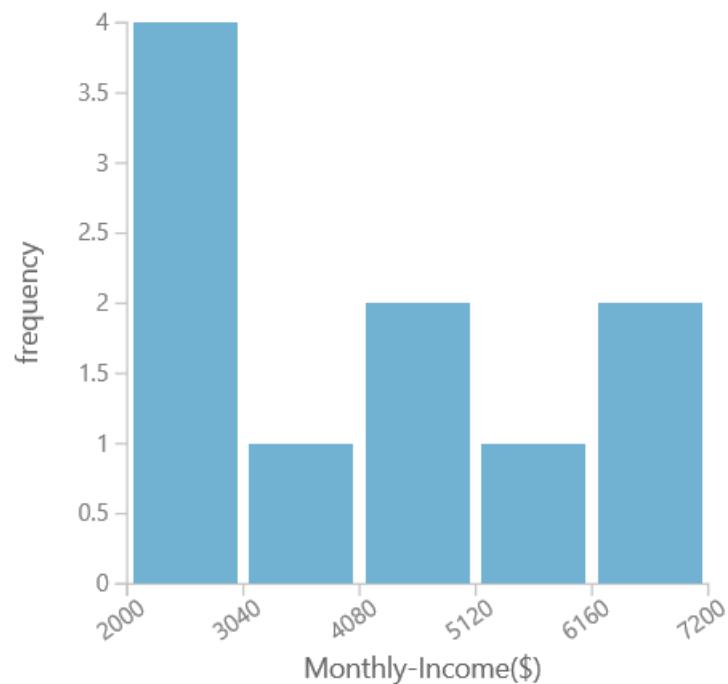
NAME	AUTHORIZATION TOKENS	EMAIL	ROLE	STATUS
User1		User1 email	Owner	Active
User2		User2 email	User	Active

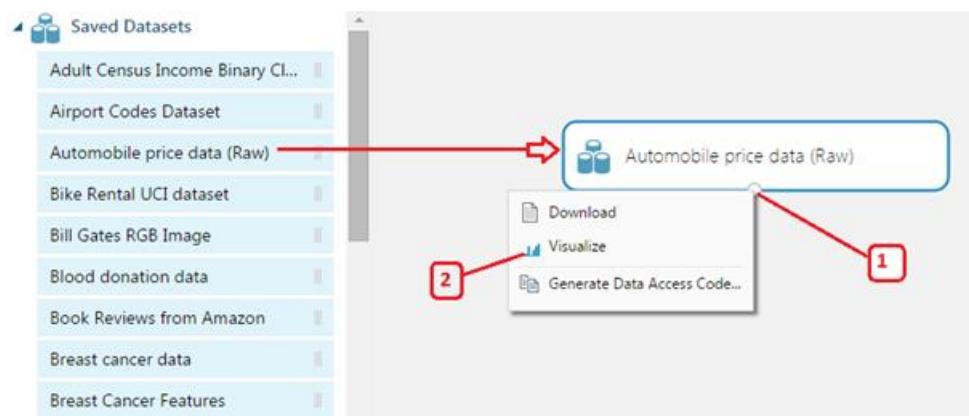
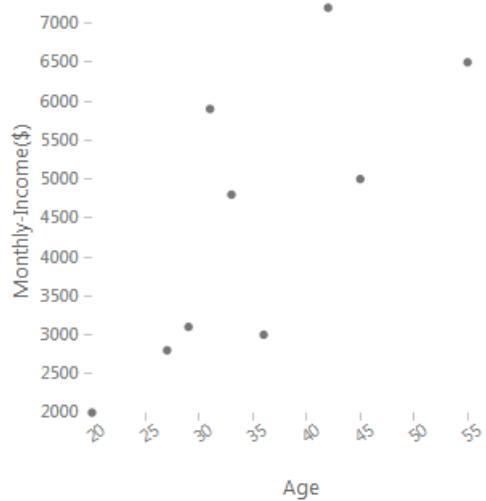
At the bottom of the table, there's a button labeled 'INVITE MORE USERS' (highlighted with a red box). The bottom navigation bar includes a NEW button and other standard UI elements.

Chapter 3

	Name	Age	Gender	Monthly-Income(\$)
Mean		37.7		4270
Median		34.5		3950
Min		20		2000
Max		59		7200
Standard Deviation		12.4637		1850.5555
Unique Values	10	10	2	10
Missing Values	0	0	0	0
Feature Type	String	Numeric	String	Numeric







rows 205 columns 26

symboling	normalized-losses	make	fuel-type	aspiration	num-of-doors	body-style	drive-wheels	engine-location	wheel-base	length	width	height
3	122	alfa-romero	gas	std	two	convertible	rwd	front	88.6	168.8	64.1	48.0
3	115	alfa-romero	gas	std	two	convertible	rwd	front	88.6	168.8	64.1	48.0
1	256	alfa-romero	gas	std	two	hatchback	rwd	front	94.5	171.2	65.5	52.4
2	35.4422	audi	gas	std	four	sedan	fwd	front	99.8	176.6	66.2	54.3
2	51	audi	gas	std	four	sedan	4wd	front	99.4	176.6	66.4	54.3
2	41	audi	gas	std	two	sedan	fwd	front	99.8	177.3	66.3	53.0
1	Numeric Feature	audi	gas	std	four	sedan	fwd	front	105.8	192.7	71.4	55.0
1	158	audi	gas	std	four	wagon	fwd	front	105.8	192.7	71.4	55.0
1	158	audi	gas	turbo	four	sedan	fwd	front	105.8	192.7	71.4	55.0
0	52	audi	gas	turbo	two	hatchback	4wd	front	99.5	178.2	67.9	52.0
2	192	bmw	gas	std	two	sedan	rwd	front	101.2	176.8	64.8	54.3
0	192	bmw	gas	std	four	sedan	rwd	front	101.2	176.8	64.8	54.3
0	188	bmw	gas	std	two	sedan	rwd	front	101.2	176.8	64.8	54.3
0	188	bmw	gas	std	four	sedan	rwd	front	101.2	176.8	64.8	54.3
1	55.0	bmw	gas	std	four	sedan	rwd	front	103.5	189	66.9	55.0
0	55.0	bmw	gas	std	four	sedan	rwd	front	103.5	189	66.9	55.0
0	53.0	bmw	gas	std	two	sedan	rwd	front	103.5	193.8	67.9	53.0
0	56.0	bmw	gas	std	four	sedan	rwd	front	110	197	70.9	56.0
2	121	chevrolet	gas	std	two	hatchback	fwd	front	88.4	141.1	60.3	53.0
1	98	chevrolet	gas	std	two	hatchback	fwd	front	94.5	155.9	63.6	52.0

Statistics

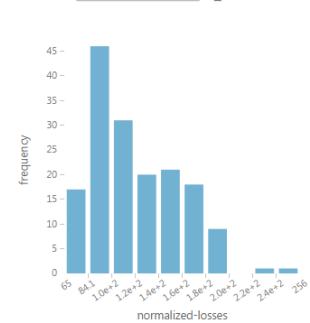
Mean	122
Median	115
Min	65
Max	256
Standard Deviation	35.4422
Unique Values	51
Missing Values	41
Feature Type	Numeric Feature

Visualizations

normalized-losses

Histogram

compare to

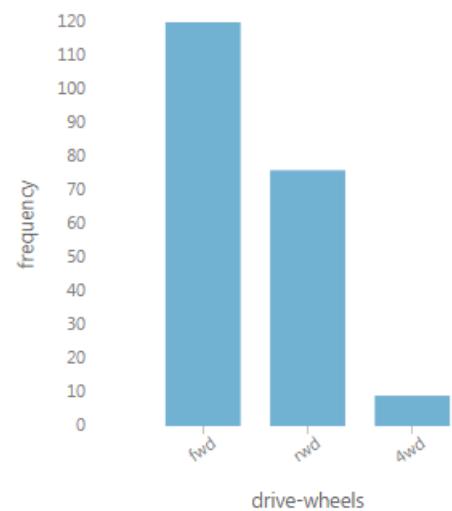


Visualizations

drive-wheels

Histogram

compare to



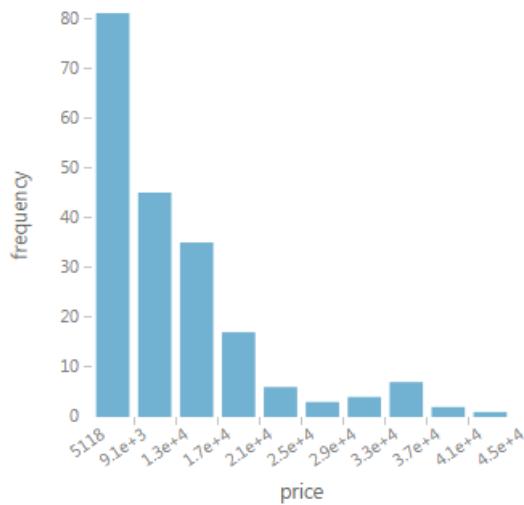
frequency log scale

bins

price

Histogram

compare to



price log scale

frequency log scale

bins

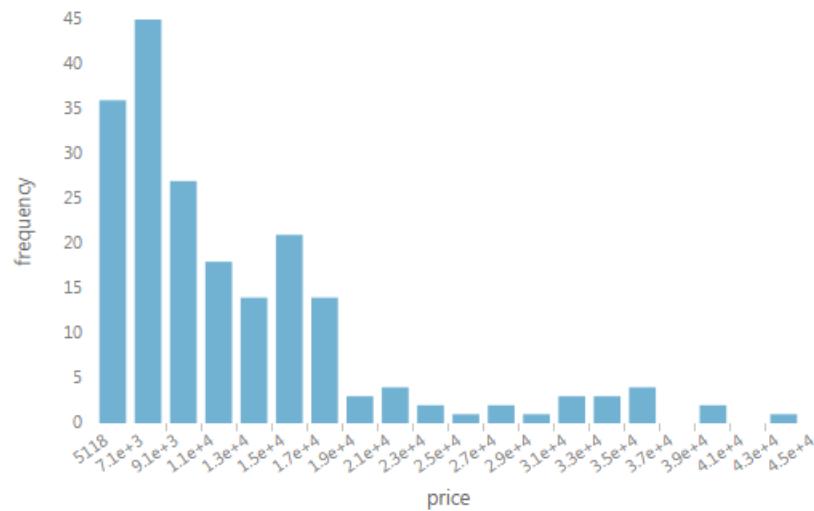
cumulative
distribution

probability
density

price

Histogram

compare to ▼



price log scale

frequency log scale

bins

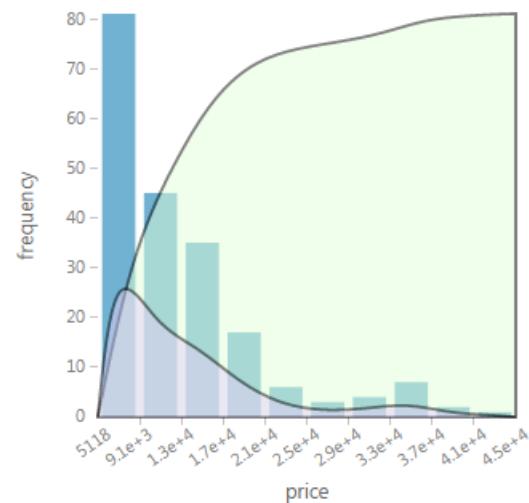
cumulative distribution

probability density

price

Histogram

compare to ▾



price log scale

frequency log scale

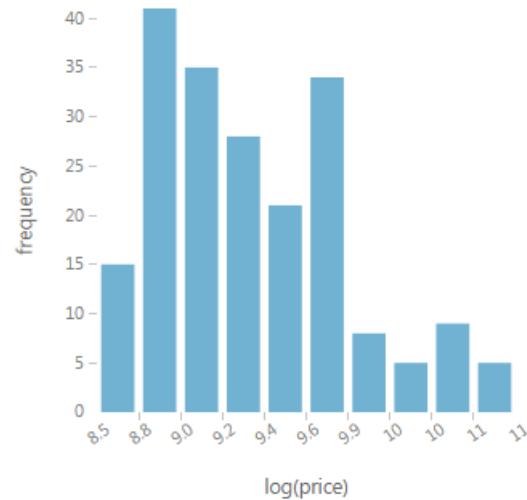
bins

cumulative distribution

probability density

price
Histogram

compare to ▾ 



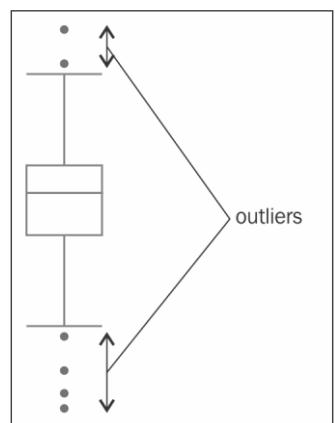
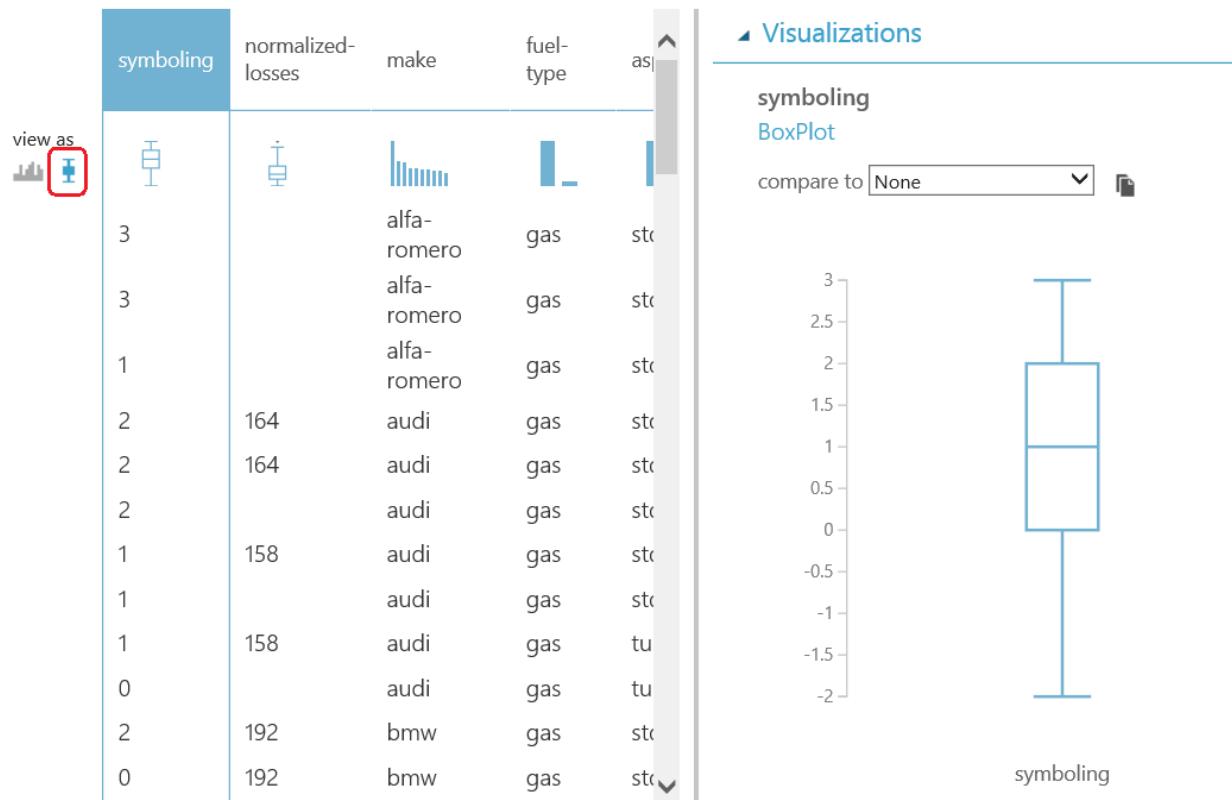
price log scale

frequency log scale

bins

cumulative distribution

probability density

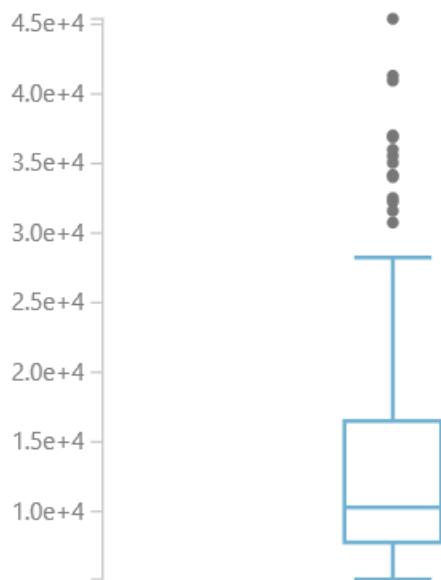


Visualizations

price

BoxPlot

compare to



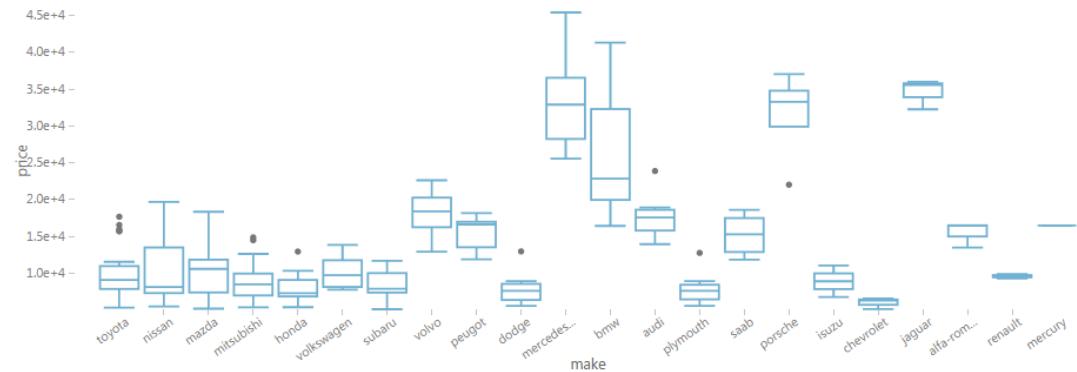
price

price log scale

Visualizations

price
MultiboxPlot

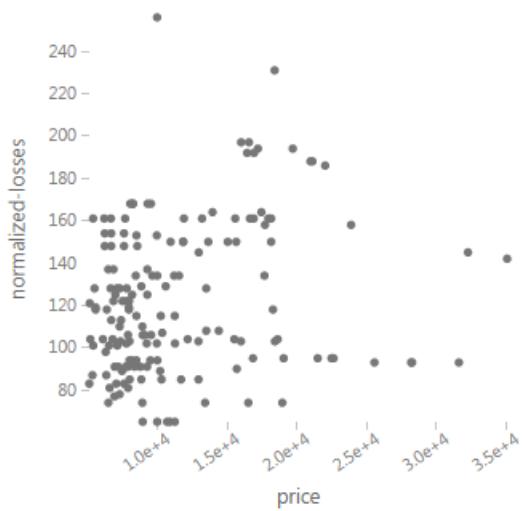
compare to 



price log scale
categories 

price
ScatterPlot

compare to 

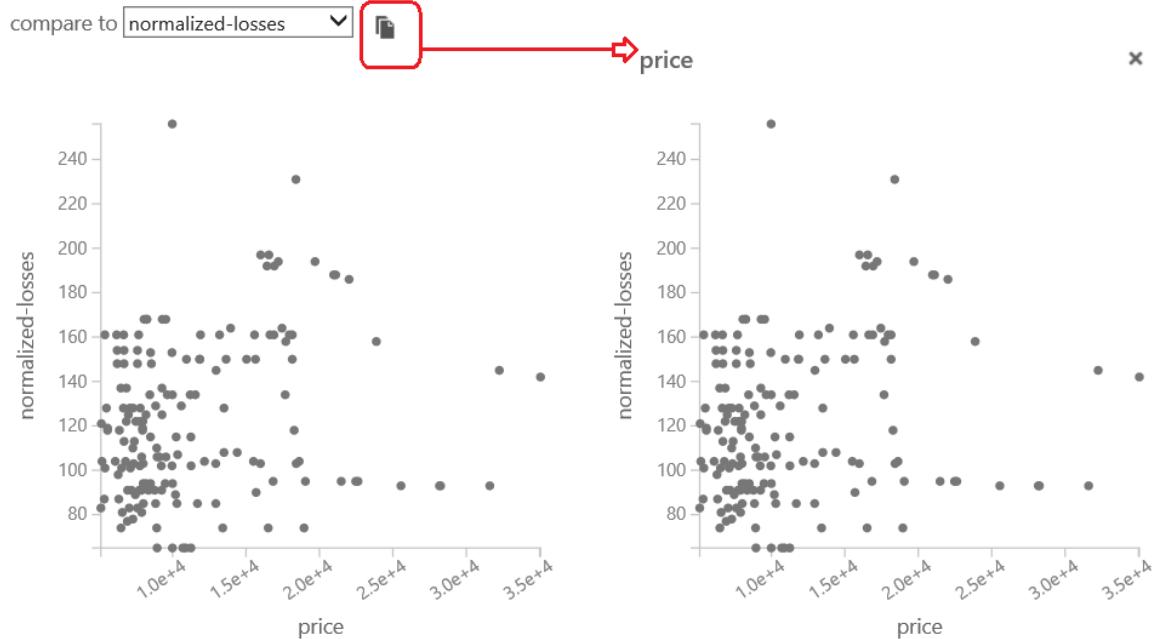


price log scale
 normalized-losses log scale

▶ Visualizations

price

ScatterPlot



Chapter 4

Chapter 4

In draft
Draft saved at 11:29:24 AM

Properties

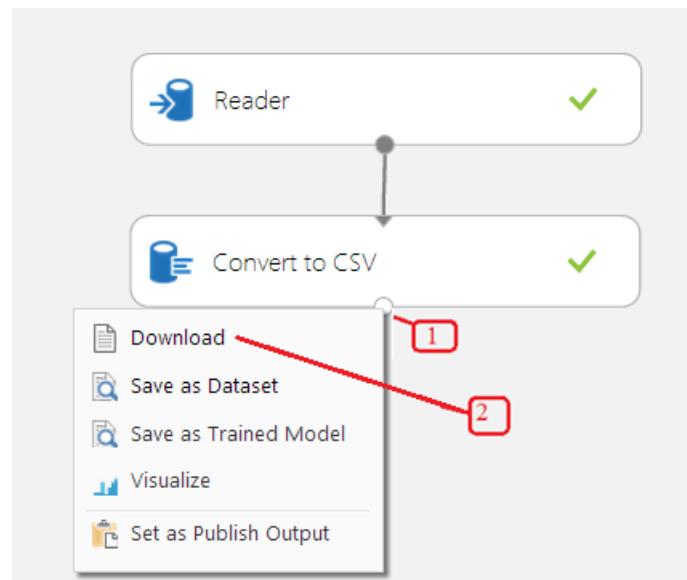
Reader

- Data source: Web URL via HTTP (3)
- URL: http://archive.ics.uci.edu/ml/machine-learning-databases/00226/heart.csv (4)
- Data format: CSV (5)
- CSV or TSV has header row (6)

START TIME: 4/25/2015 10:02:43...
 END TIME: 4/25/2015 10:02:51...
 ELAPSED TIME: 0:00:07.708

Quick Help

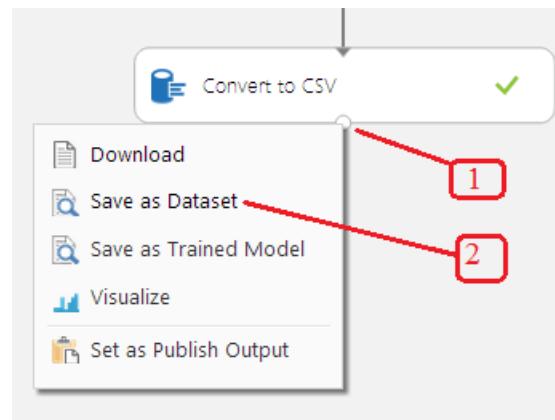
The screenshot shows the Azure Machine Learning Studio interface. On the left is a sidebar with icons for Data Input and Output, Data Transformation, Feature Selection, Machine Learning, OpenCV Library Modules, and Python Language Modules. A 'Data Input and Output' section is expanded, showing 'Enter Data', 'Reader', and 'Writer'. A 'Reader' module is selected and highlighted with a blue border. A red box labeled '2' points to the 'Reader' icon in the sidebar. A red box labeled '8' points to the green checkmark in the top right corner of the module. A red box labeled '7' points to the 'RUN' button in the toolbar. The main workspace shows a flow starting with a 'Reader' module connected to a 'Convert to CSV' module. The 'Convert to CSV' module has a dropdown menu open with options: 'Download' (1), 'Save as Dataset', 'Save as Trained Model', 'Visualize', and 'Set as Publish Output'. A red box labeled '1' points to 'Download' and a red box labeled '2' points to 'Set as Publish Output'.



Data Format Conversions

- Convert to ARFF
- Convert to CSV
- Convert to Dataset
- Convert to SVMLight
- Convert to TSV

This is a separate screenshot of the 'Data Format Conversions' section. It lists five options: 'Convert to ARFF', 'Convert to CSV', 'Convert to Dataset', 'Convert to SVMLight', and 'Convert to TSV'. Each option is represented by a small icon followed by the text name.



Draft saved at 8:22:18 PM

Writer

Please specify data destination

Azure Blob Storage ▾

Please specify authentication type

Account ▾

Azure account name

YourAccountName

Azure account key

.....

Path to blob beginning with container

path/fileName.csv

Azure blob storage write mode

Overwrite ▾

File format for blob file

CSV ▾

Write blob header row

Search experiment items

Draft saved at 07:34:34 AM

Data Input and Output

- Reader
- Writer

Data Transformation

Feature Selection

Enter Data

DataFormat: CSV

HasHeader

Data:

	Name, Age, Annual Income
1	Robin, 26, 30000
2	Harry, 34, 28000
3	David, 45, 56000

Saved Datasets

My Datasets

ch4_example1.csv

ch4_example1.csv

WEB SERVICES

DATASETS

TRAINED MODELS

SETTINGS

NEW

MY DATASETS SAMPLES

NAME	SUBMITTED BY	DESCRIPTION	DATA TYPE
ch4_example1.csv	sumitmund		GenericCSV
perfume_data.txt	sumitmund		GenericCSVNoHeader
mnist_test.csv	sumitmund		GenericCSV

DOWNLOAD **DELETE** **GENERATE DATA ACCESS CODE...**

Draft saved at 8:22:18 PM

Writer

Please specify data destination

Azure Blob Storage

Please specify authentication type

Account

Azure account name

YourAccountName

Azure account key

.....

Path to blob beginning with container

path/fileName.csv

Azure blob storage write mode

Overwrite

File format for blob file

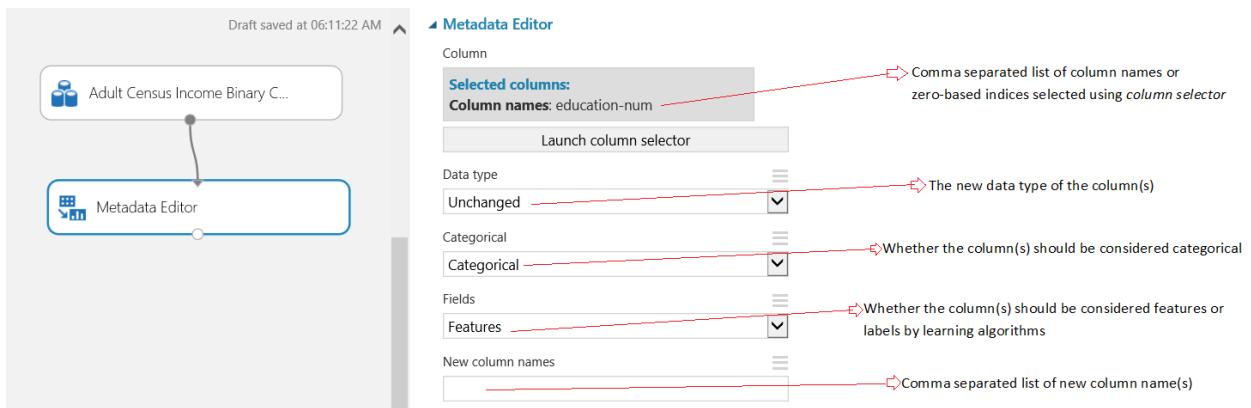
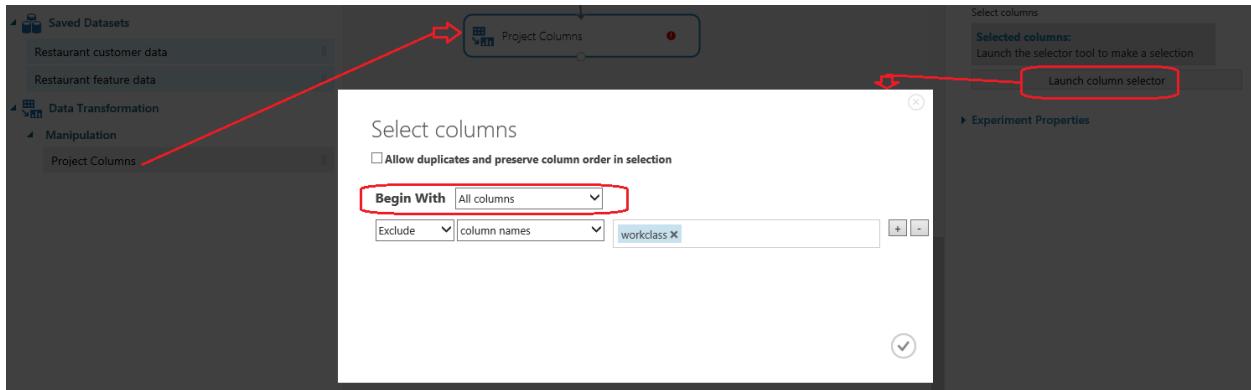
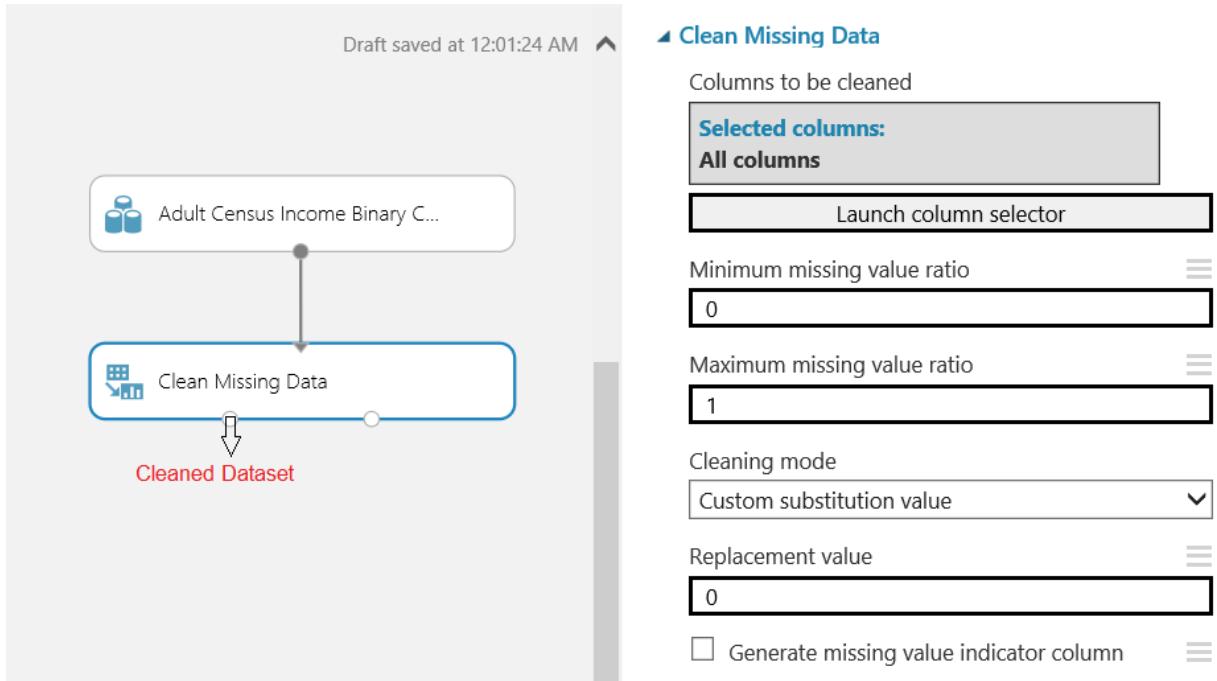
CSV

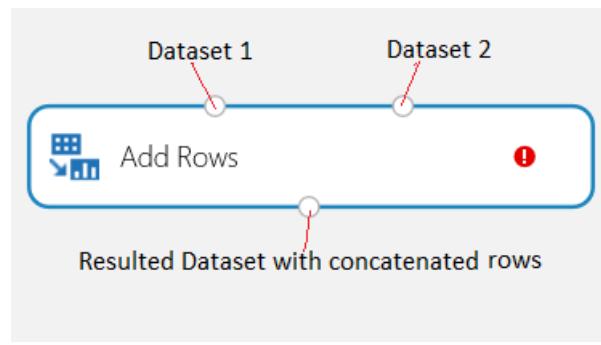
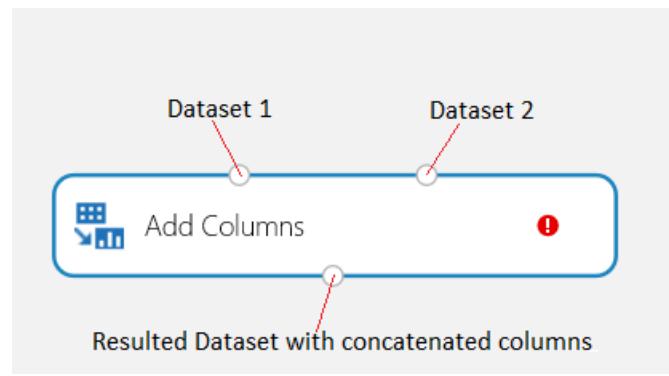
Write blob header row

The screenshot shows a user interface for a data processing tool. On the left, there's a large, light-gray workspace area with a single 'Writer' component highlighted by a blue rounded rectangle and a callout arrow. The 'Writer' component has a small icon of a blue cylinder with an arrow pointing to it. To the right of the workspace is a configuration panel with several sections:

- Writer**: A section title.
- Please specify data destination**: A dropdown menu set to "Azure Blob Storage".
- Please specify authentication type**: A dropdown menu set to "Account".
- Azure account name**: An input field containing "YourAccountName".
- Azure account key**: An input field containing a series of dots (...).
- Path to blob beginning with container**: An input field containing "path/fileName.csv".
- Azure blob storage write mode**: A dropdown menu set to "Overwrite".
- File format for blob file**: A dropdown menu set to "CSV".
- Write blob header row**: A checked checkbox with a corresponding label.

Chapter 5





Draft saved at 07:05:40 AM

dataset 1

dataset 2

Join

Resulted dataset

Join

Join key columns for L

Selected columns: Launch the selector tool to make a selection

Key columns for Left dataset (dataset 1)

Launch column selector

Join key columns for R

Selected columns: Launch the selector tool to make a selection

Key columns for Right dataset (dataset 2)

Launch column selector

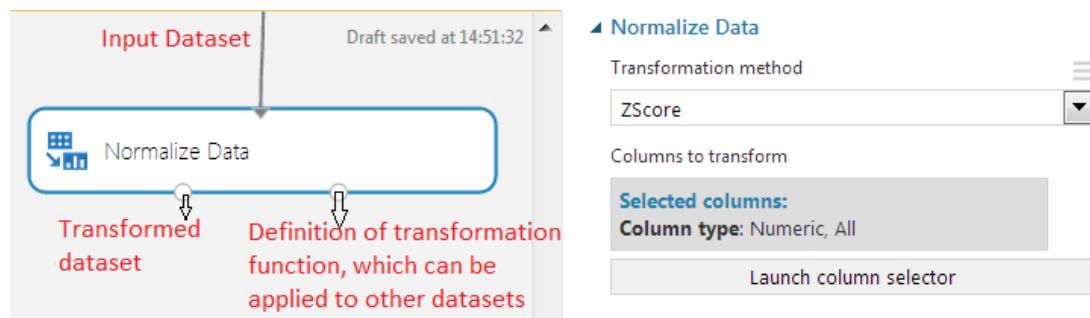
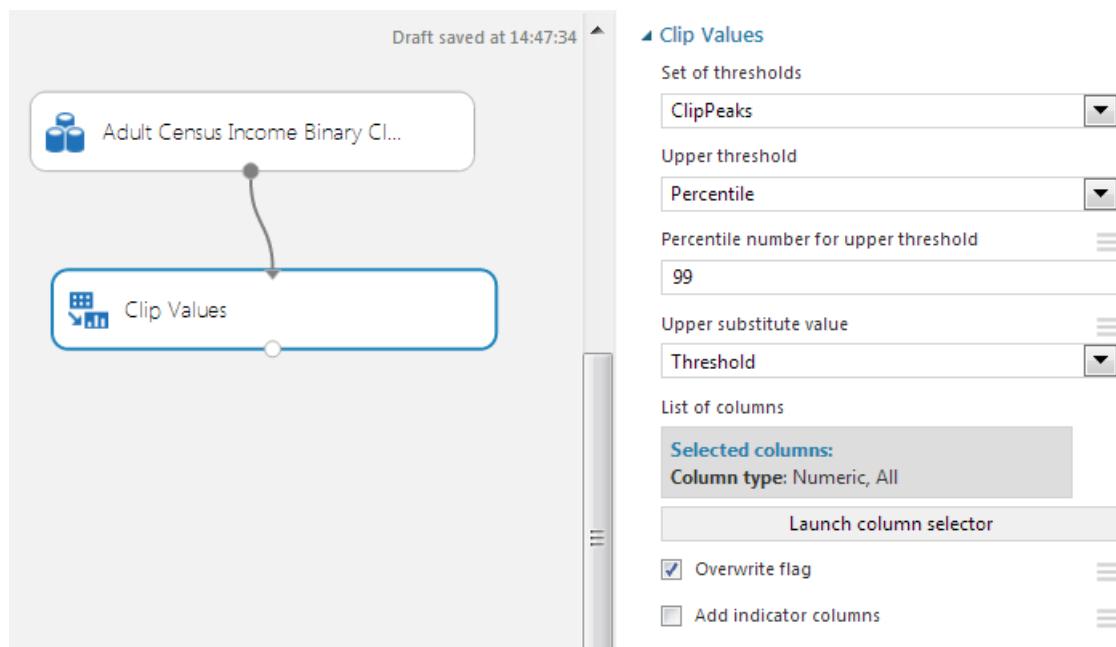
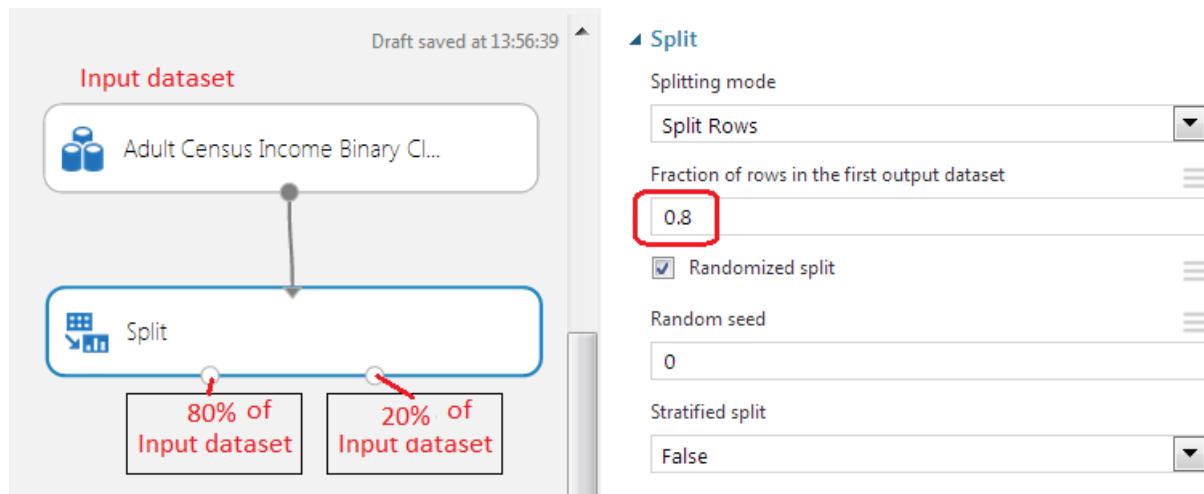
Match case

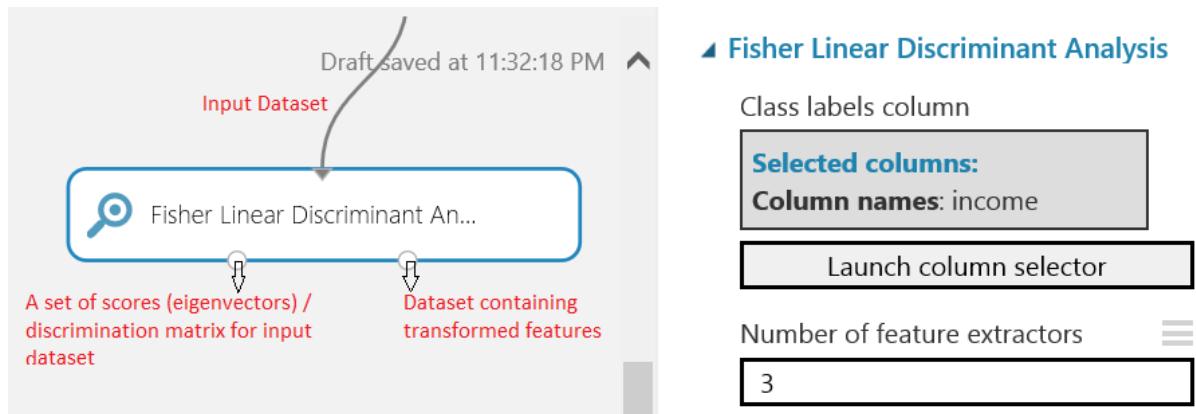
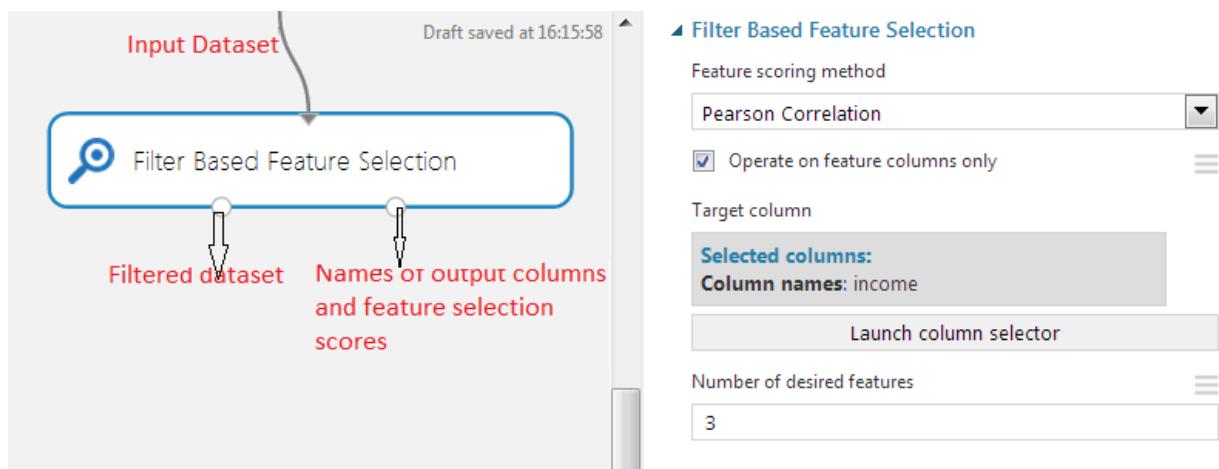
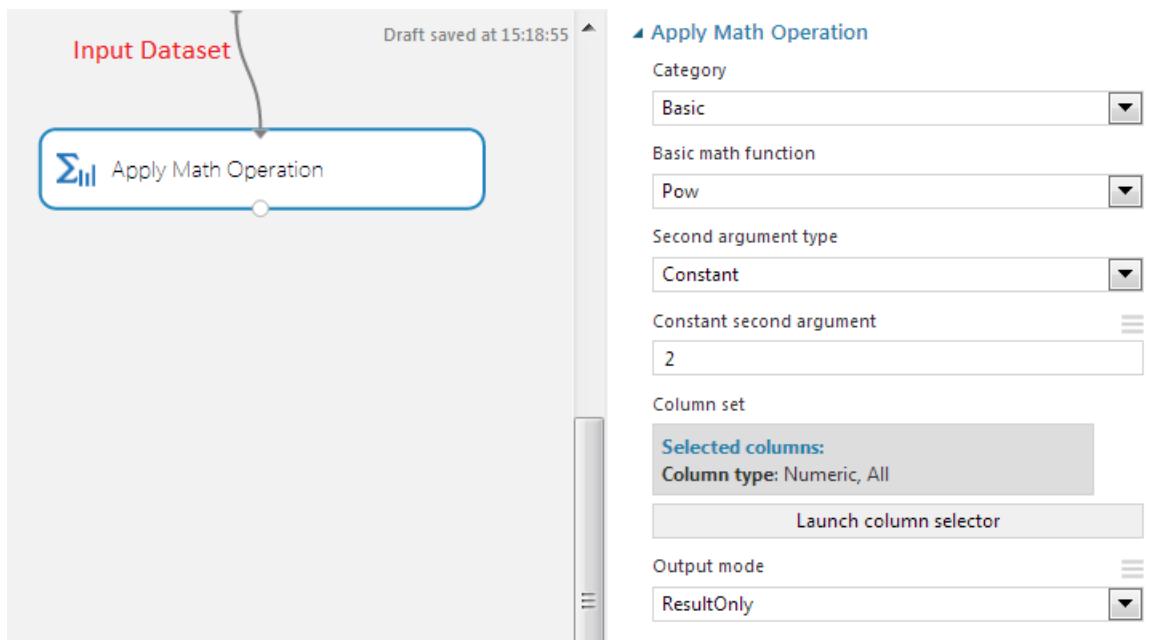
Join type

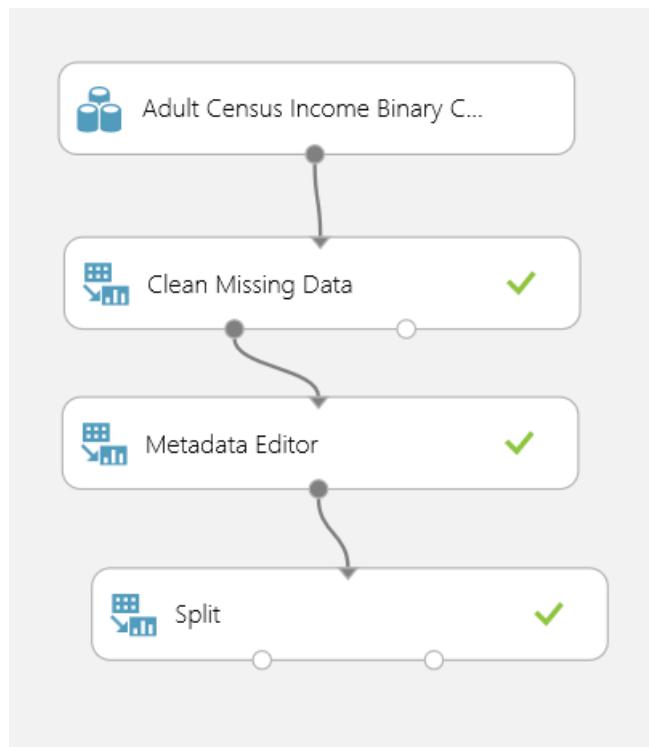
Left Outer Join

Keep right key columns in joined table

This screenshot shows the 'Join' step configuration. It includes two input datasets, 'dataset 1' and 'dataset 2', and a resulting 'Resulted dataset'. On the right, there are detailed settings for joining. The 'Selected columns' sections for both datasets have red callout boxes pointing to them, labeled 'Key columns for Left dataset (dataset 1)' and 'Key columns for Right dataset (dataset 2)'. Other visible settings include 'Match case' (checked), 'Join type' set to 'Left Outer Join', and 'Keep right key columns in joined table' (checked).







Draft saved at 12:49:00 AM

Remove Duplicate Rows

Key column selection filter expression

Selected columns:
All columns

Launch column selector

Retain first duplicate row

More options

This screenshot shows the configuration for the "Remove Duplicate Rows" step. It includes a timestamp, the step name, and a panel for selecting key columns. The "Selected columns" dropdown is set to "All columns", and a checkbox for retaining the first duplicate row is checked. There is also a "Launch column selector" button and a "More options" menu.

Draft saved at 05:25:22 AM

Restaurant ratings

Restaurant feature data

Apply SQL Transformation

SQL Query Script

```

1 SELECT DISTINCT t1.placeid, t2.Name,
2      t2.City, AVG(rating) as 'AvgRating'
3  from t1 JOIN t2 ON t1.placeid = t2.placeid
4 group by t1.placeid;

```

t1

t2

t3

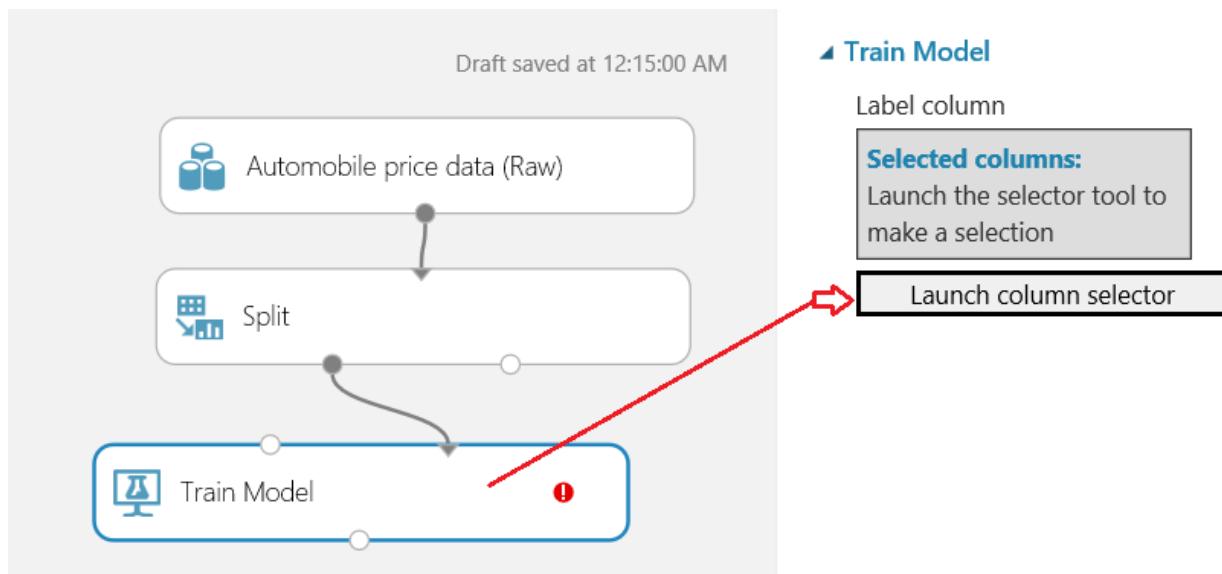
This screenshot shows the "Apply SQL Transformation" step. It displays two input datasets: "Restaurant ratings" and "Restaurant feature data". The output of this step is labeled t1, t2, and t3. To the right, a panel shows the SQL query script used for the transformation:

```

1 SELECT DISTINCT t1.placeid, t2.Name,
2      t2.City, AVG(rating) as 'AvgRating'
3  from t1 JOIN t2 ON t1.placeid = t2.placeid
4 group by t1.placeid;

```

Chapter 6

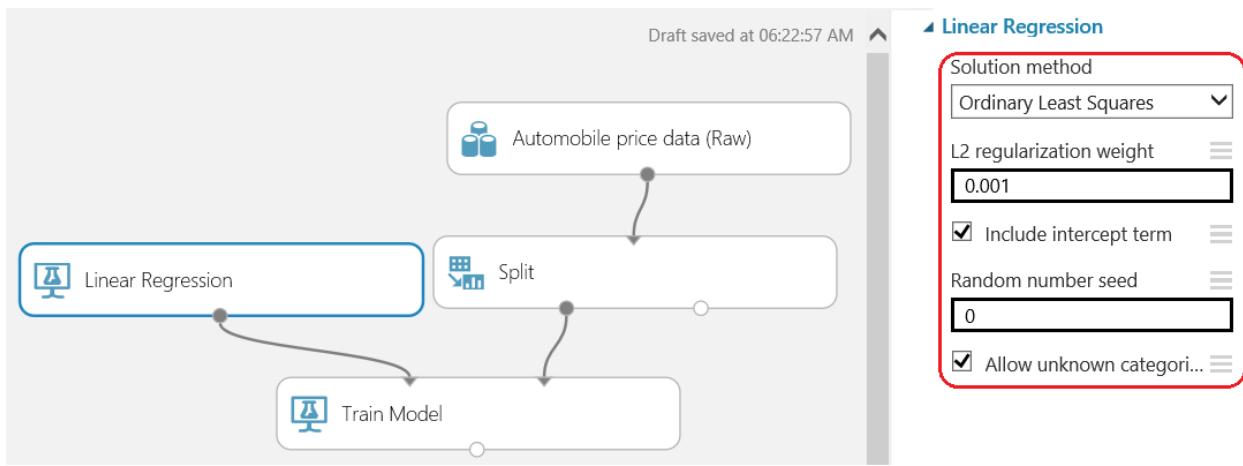


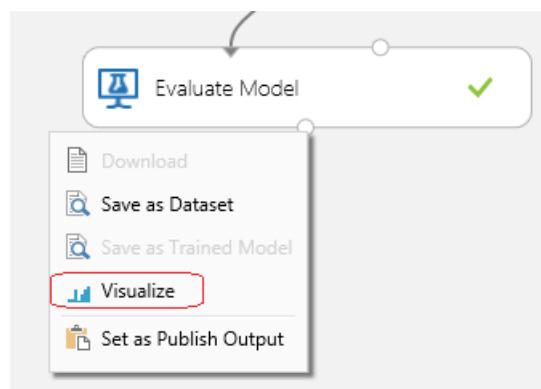
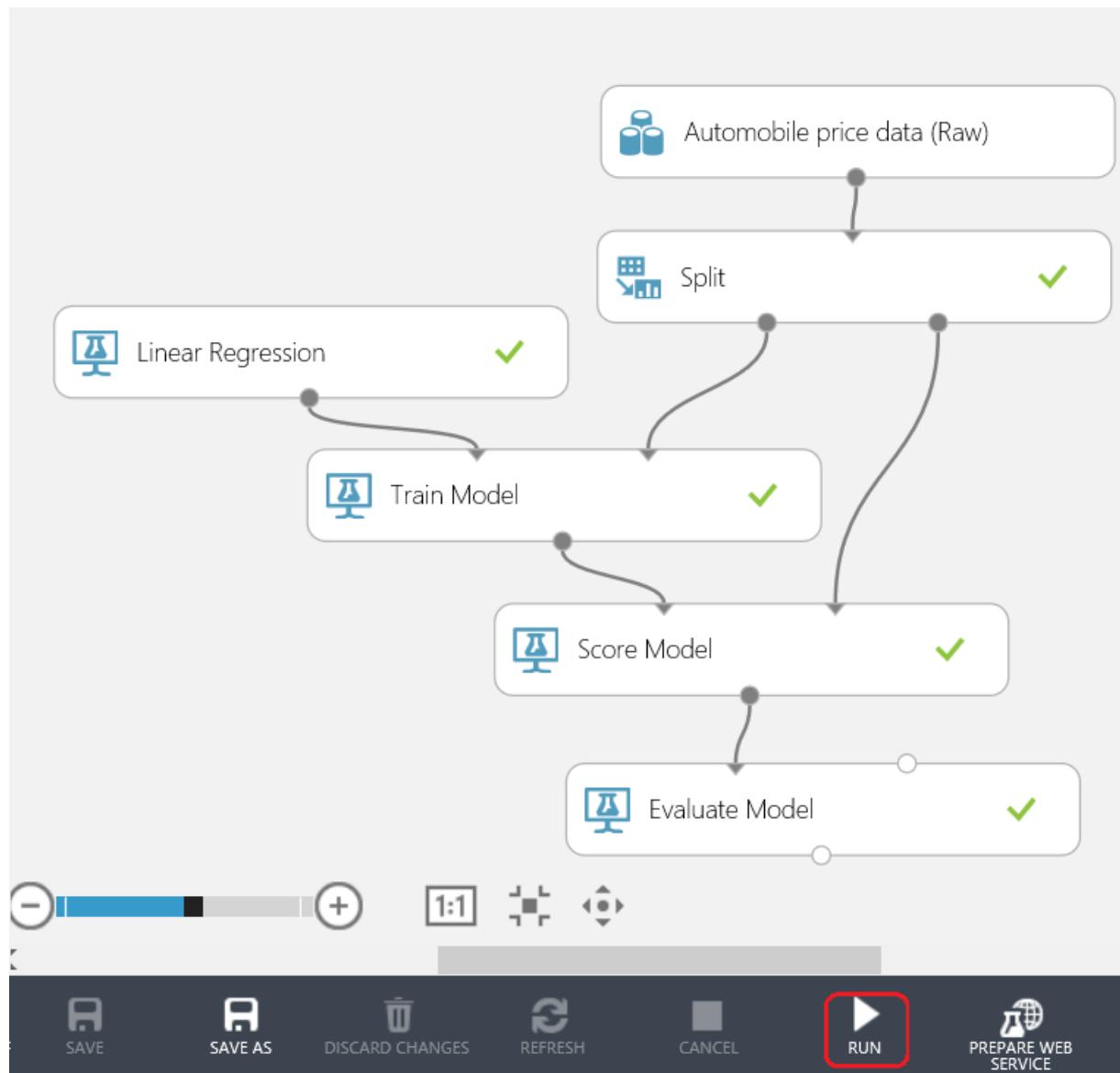
Select a single column

Include column names

price <input type="button" value="X"/>
--

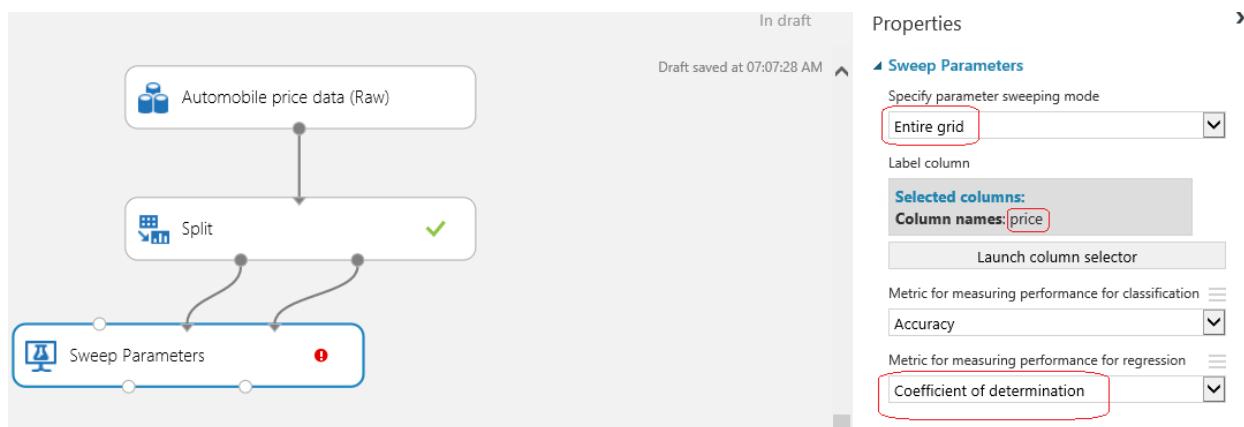
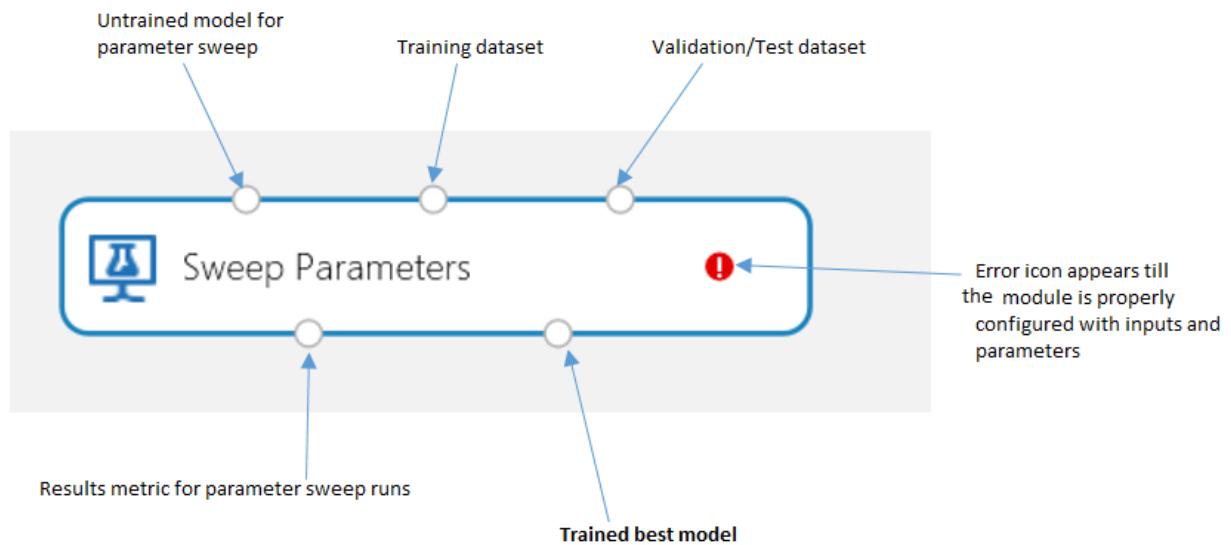


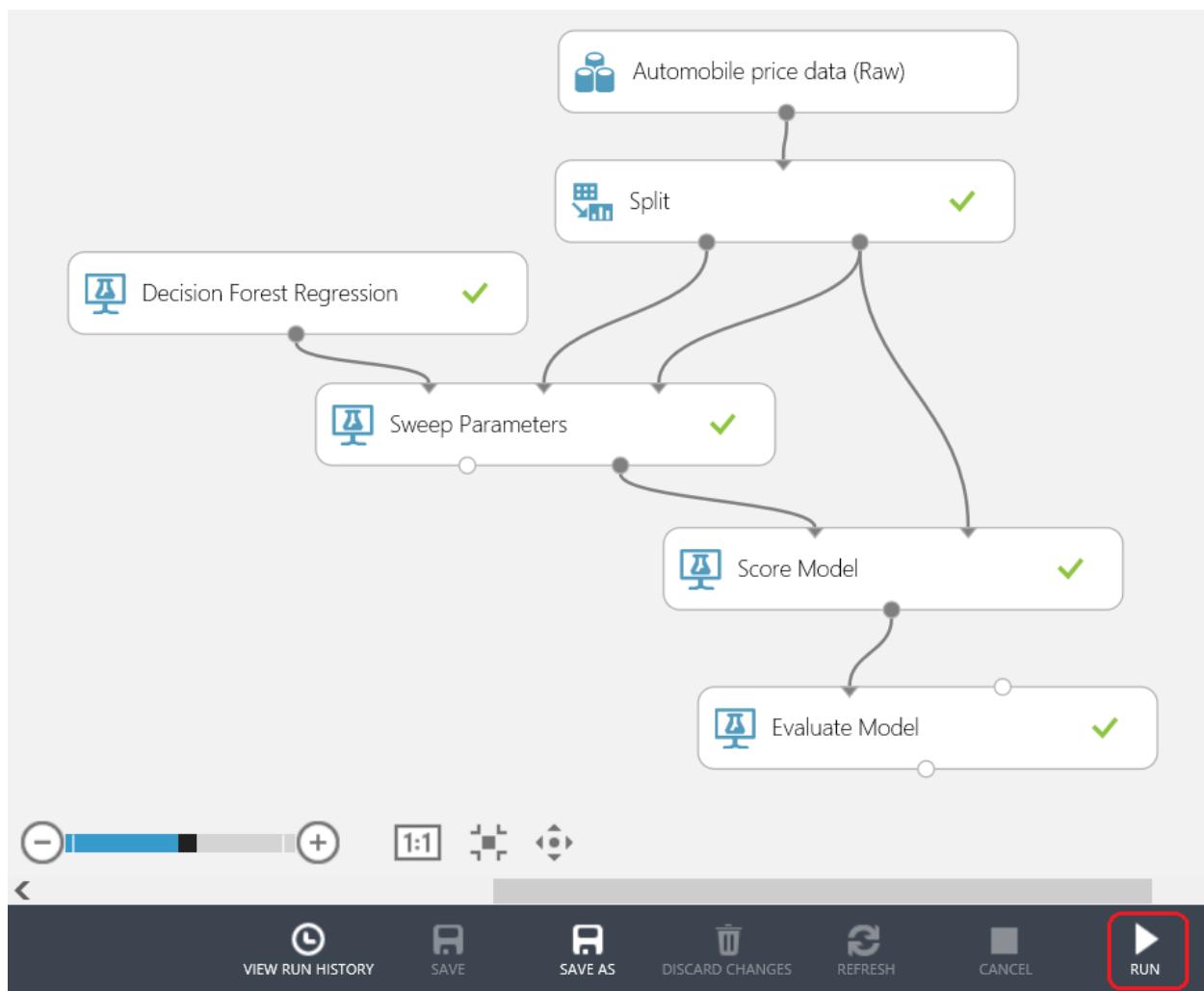
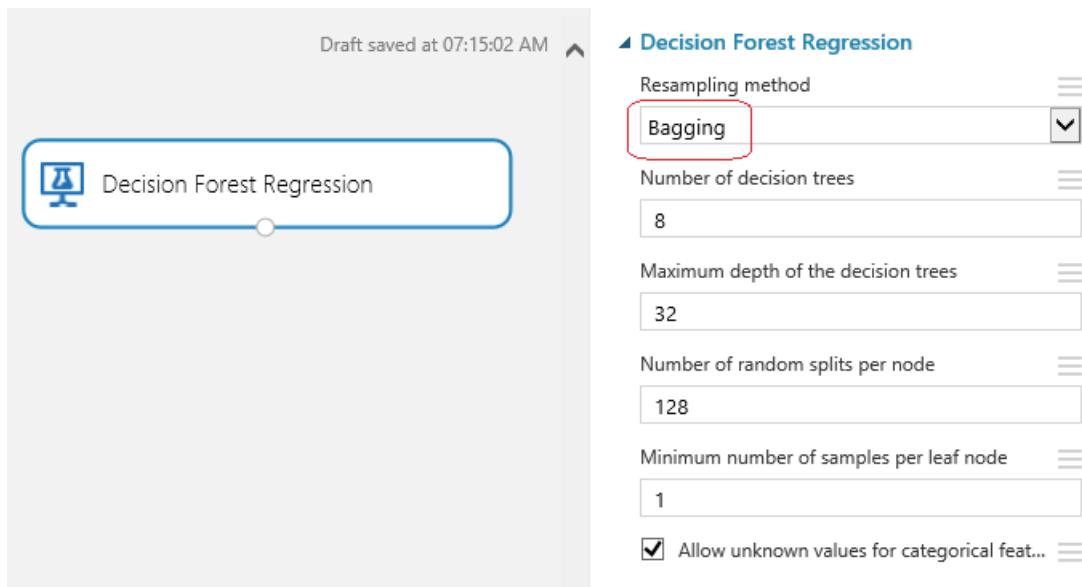


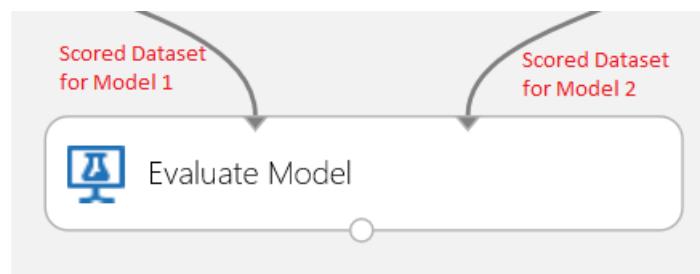
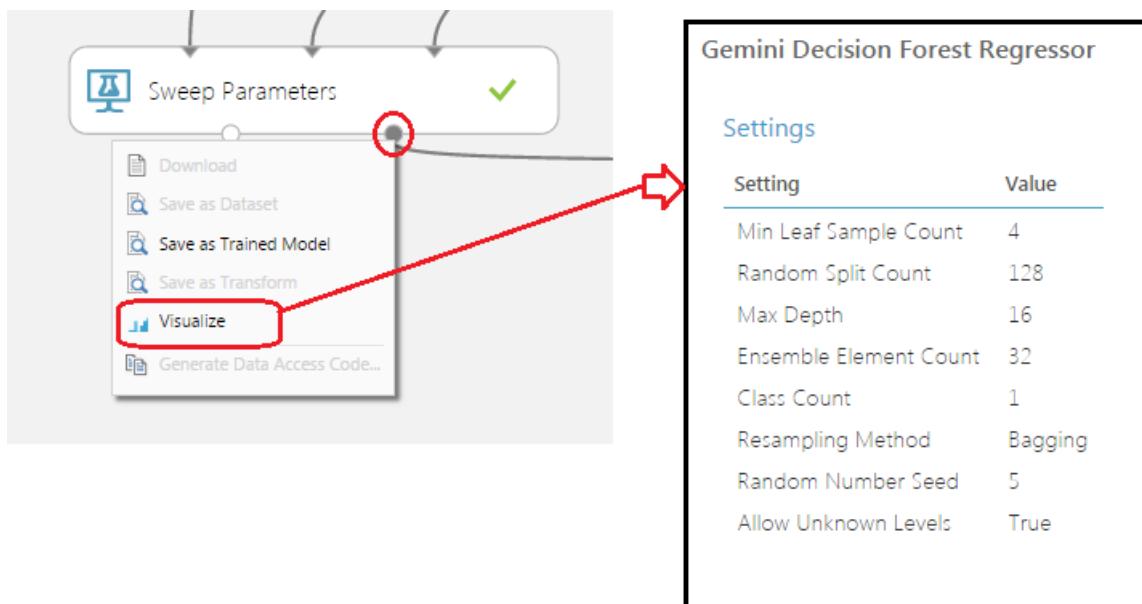


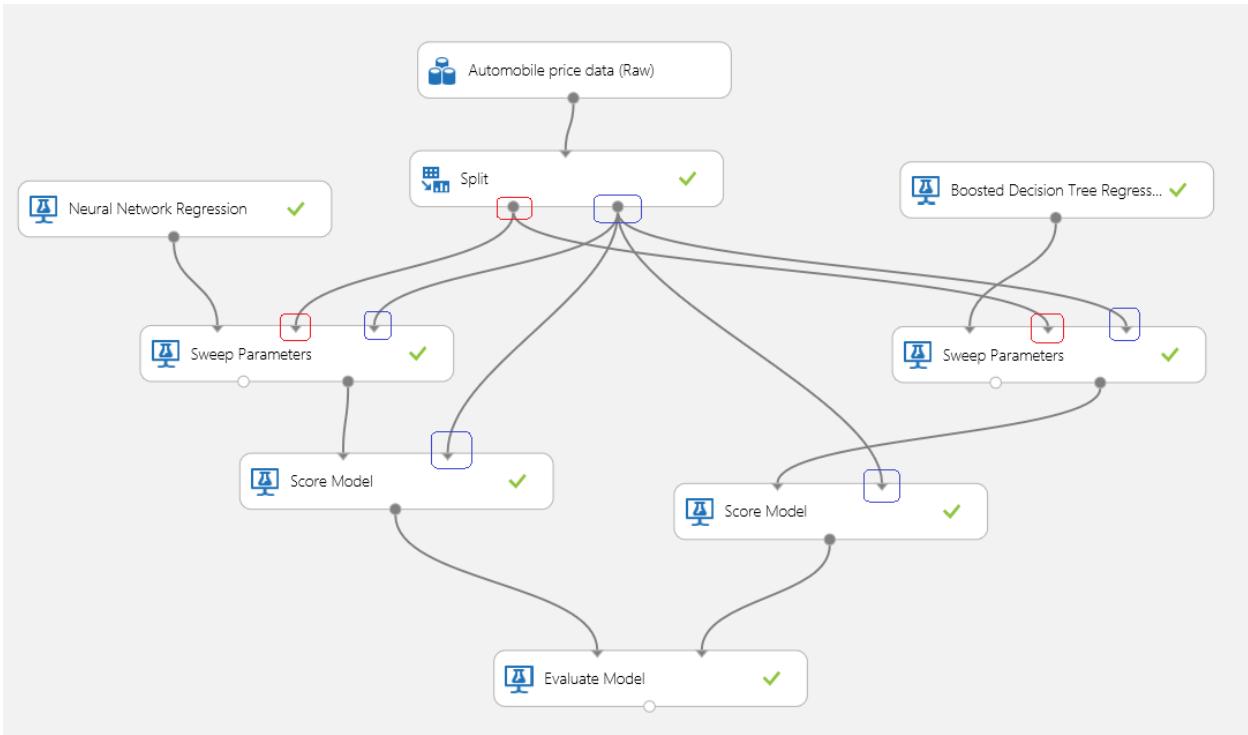
Demo-LinearRegression > Evaluate Model > Evaluation results

rows	columns			
1	5			
Mean Absolute Error	Root Mean Squared Error	Relative Absolute Error	Relative Squared Error	Coefficient of Determination
view as				
1700.399749	2484.018779	0.189728	0.058297	0.941703









Mean Absolute Error	Root Mean Squared Error	Relative Absolute Error	Relative Squared Error	Coefficient of Determination
5071.800876	7664.589306	0.565904	0.555025	0.444975
1340.164661	1958.367584	0.149534	0.036235	0.963765

Chapter 7

The screenshot shows the Power BI Data Flow interface. On the left, there's a navigation bar with sections like 'Data Format Conversions', 'Data Input and Output' (which is expanded), 'Enter Data', 'Reader', and 'Writer'. A red arrow points from the 'Reader' section in the navigation to the 'Reader' step in the main canvas. The 'Reader' step is highlighted with a blue rounded rectangle. To its right is a green checkmark icon. The 'Reader' step has a small circular handle at the bottom right. The main canvas area shows the 'Reader' step connected to a 'Web URL via HTTP' data source. The 'Data source' dropdown is set to 'Web URL via HTTP'. The 'URL' field contains the value 'http://archive.ics.uci.edu/ml/machine-learning-databases/iris/iris.data'. Below the URL, there's a 'Data format' dropdown set to 'CSV' and a checkbox for 'CSV or TSV has header row' which is unchecked. The top right corner of the interface shows the message 'Draft saved at 01:17:16 AM'.

The screenshot shows the Power BI Data Flow interface. On the left, there's a 'Reader' step (represented by a blue icon with a file and arrow) followed by a 'Clean Missing Data' step (represented by a blue icon with a grid). A green checkmark is present next to the Reader step. A grey arrow points from the Reader step to the Clean Missing Data step. The 'Clean Missing Data' step has two white circles connected by a blue line, indicating it's part of a pipeline.

Draft saved at 01:27:00 AM

▲ Clean Missing Data

Columns to be cleaned

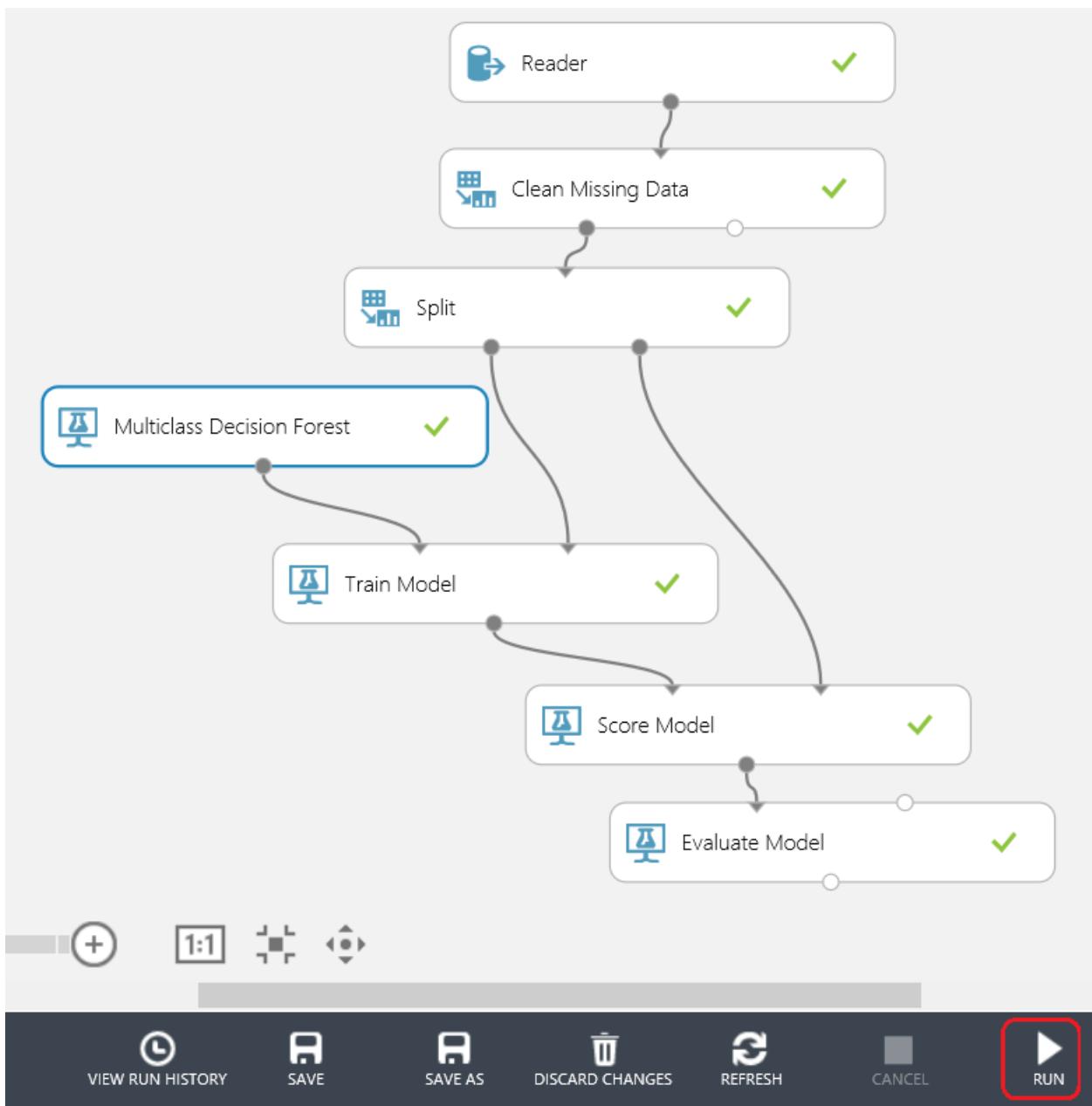
Selected columns:
All columns

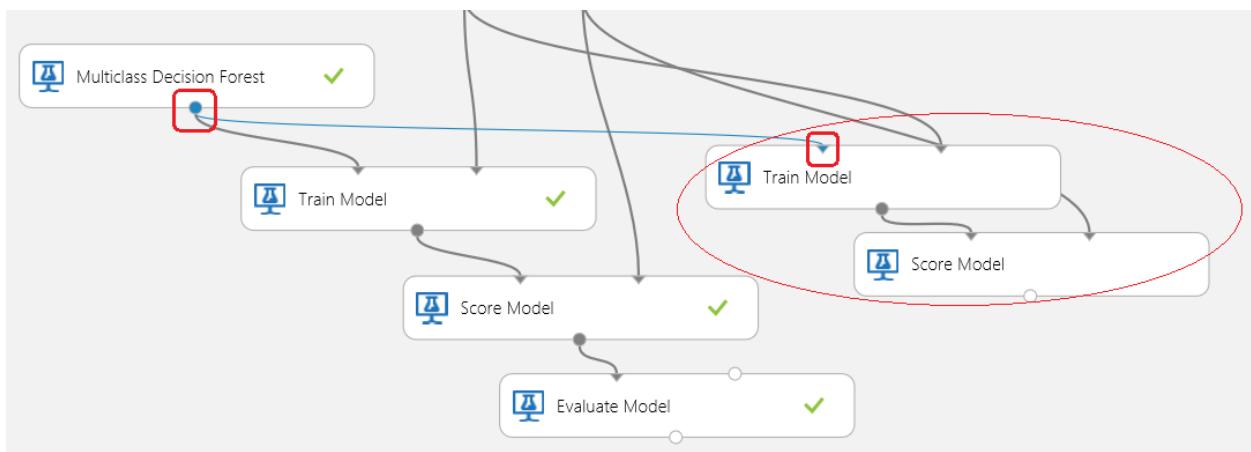
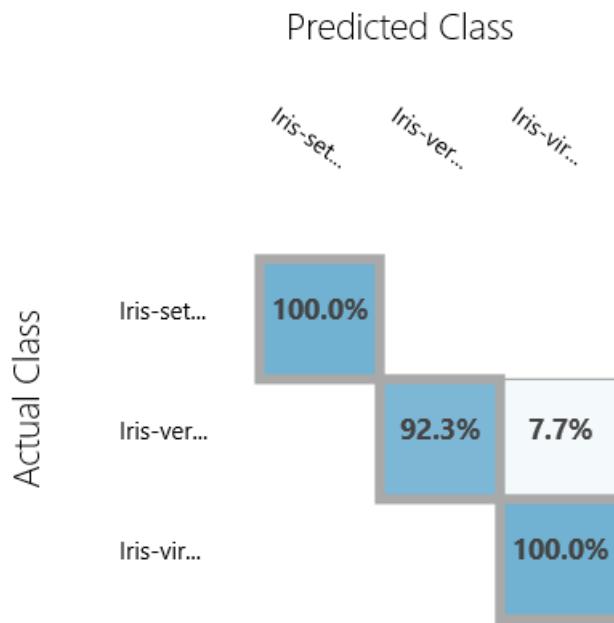
Launch column selector

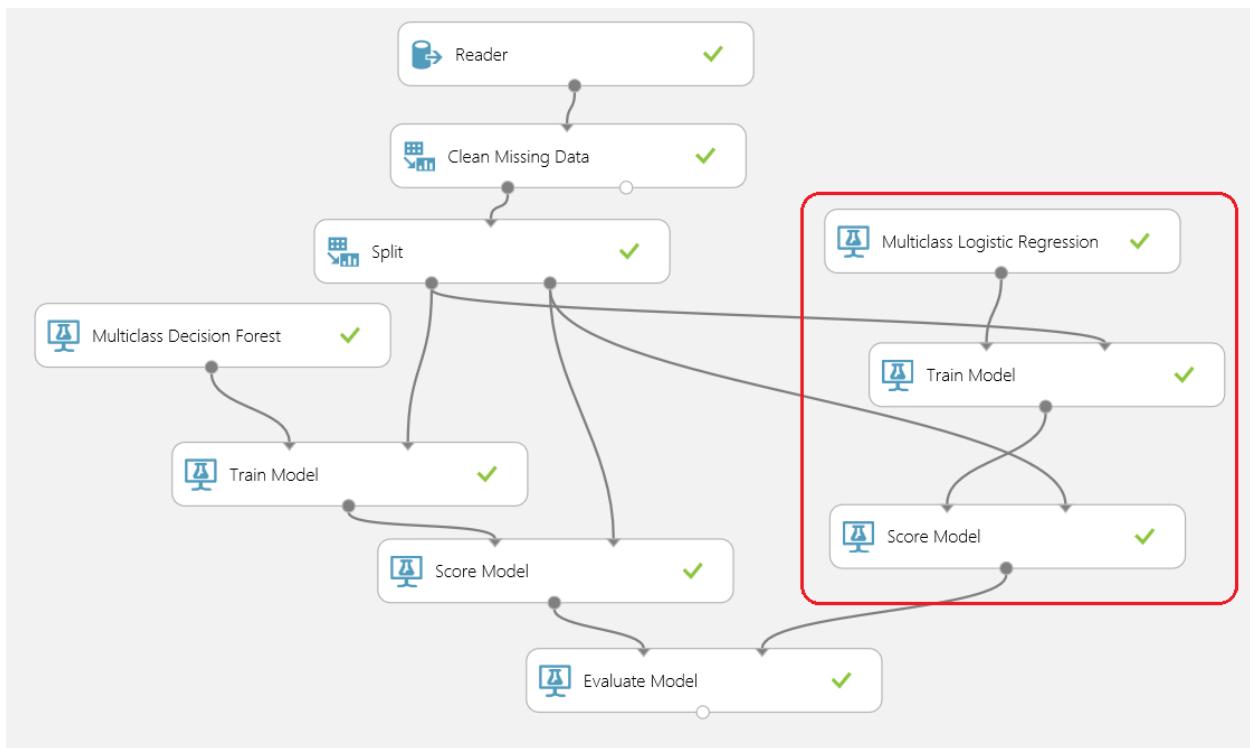
Minimum missing value ratio
0

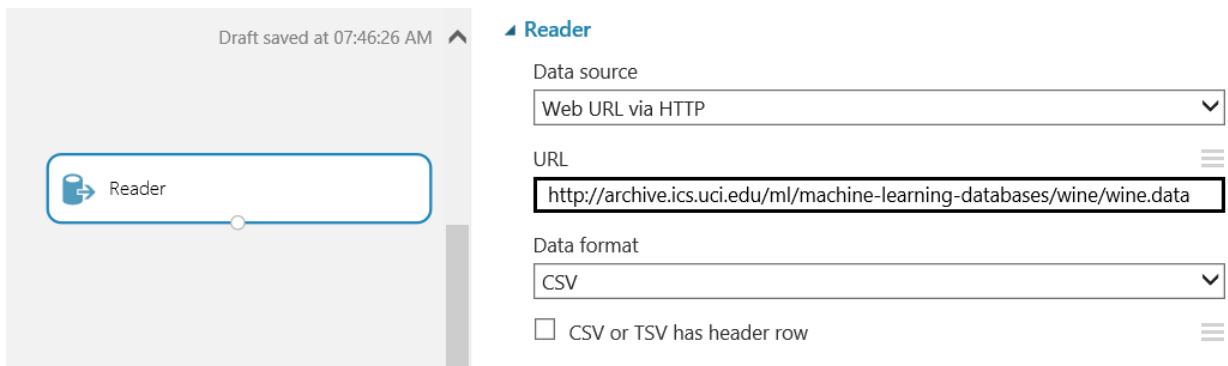
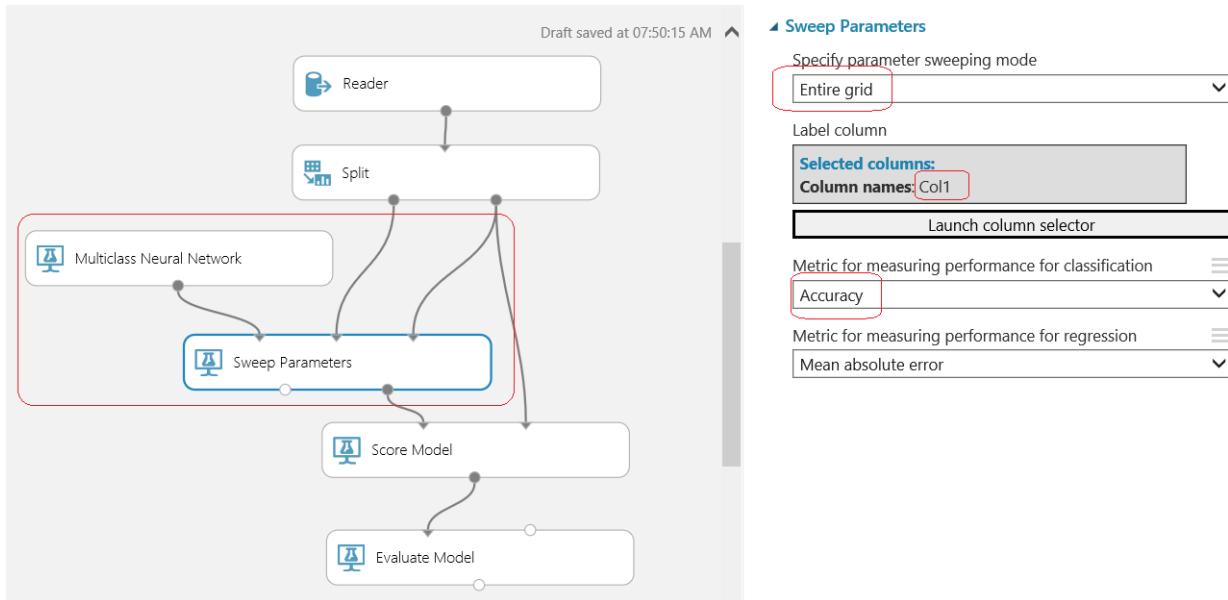
Maximum missing value ratio
1

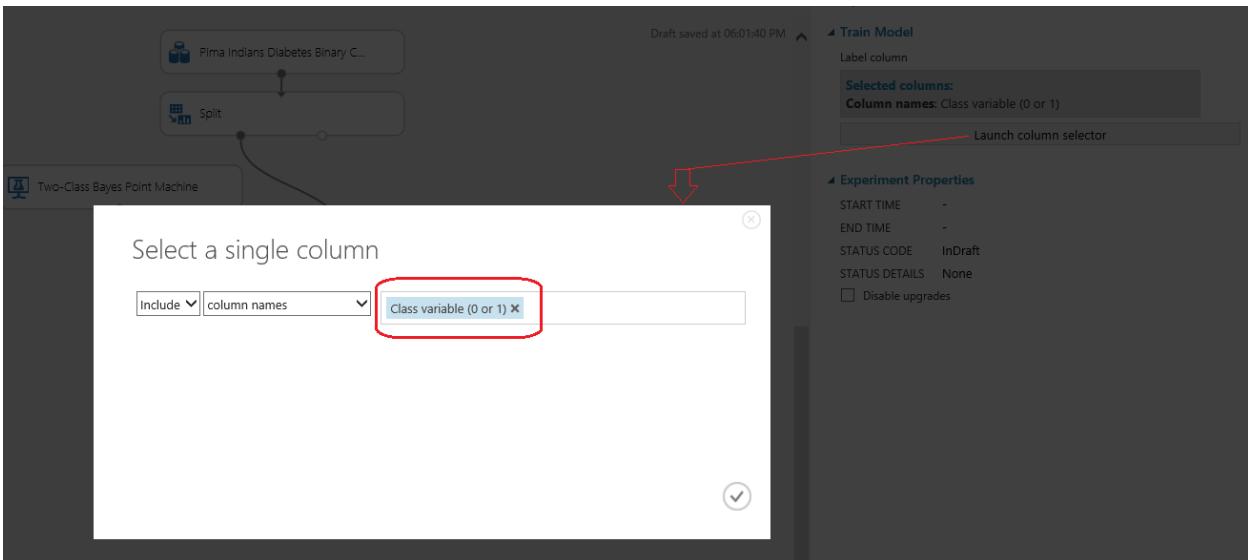
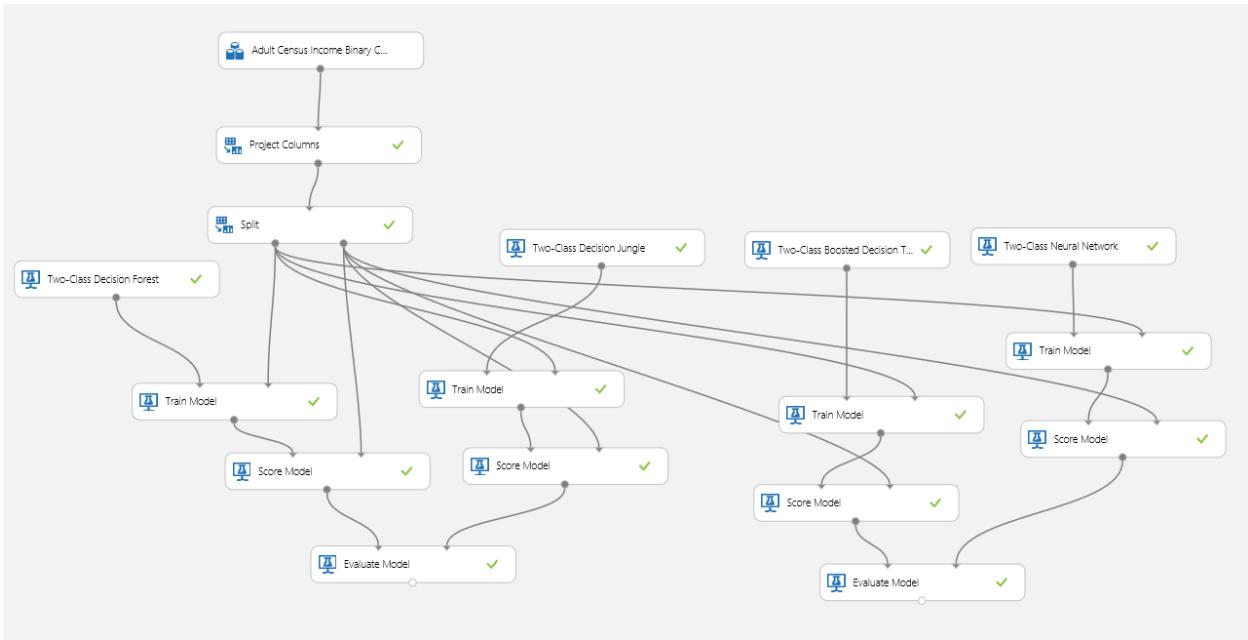
Cleaning mode
Remove entire row



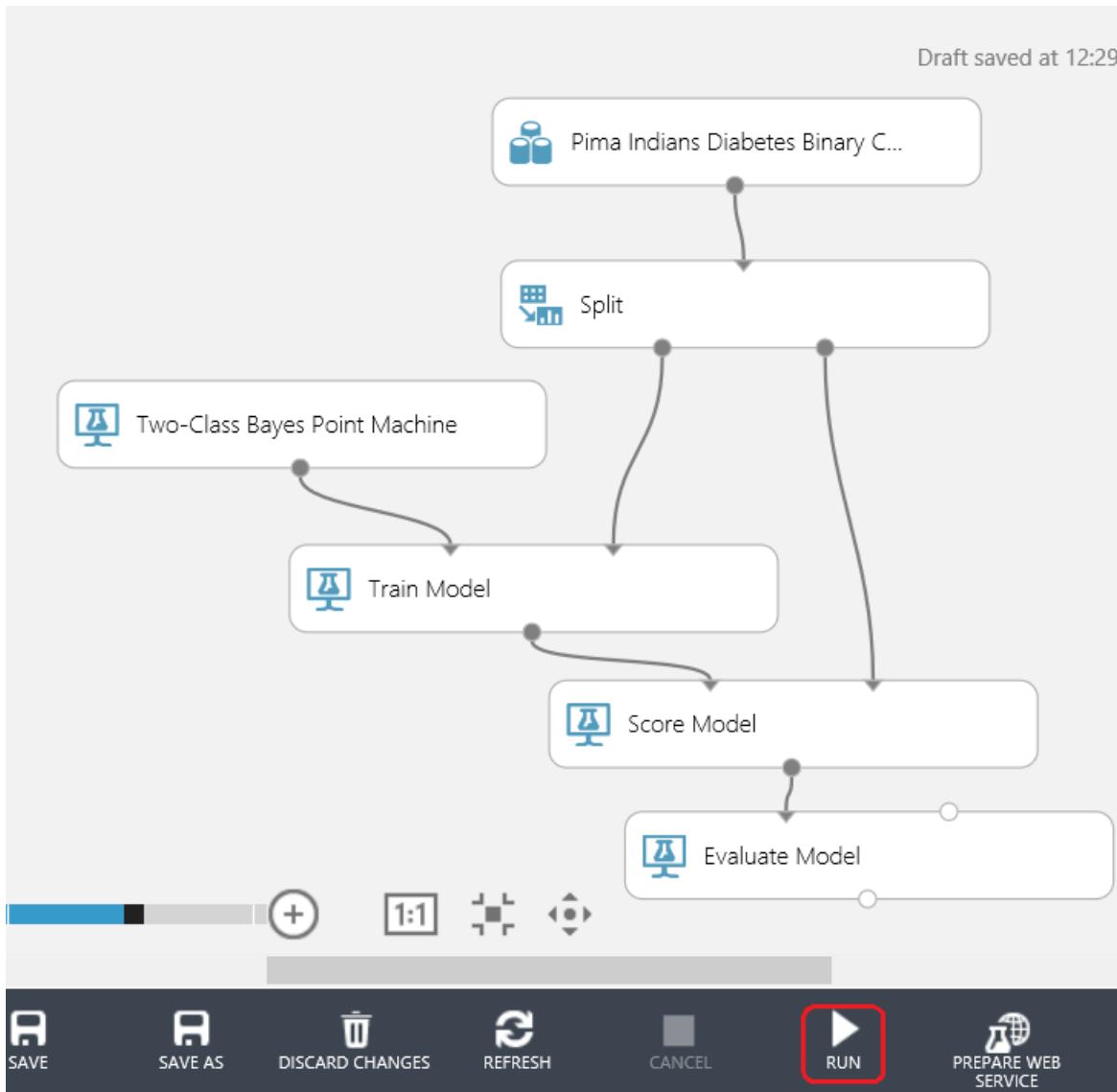






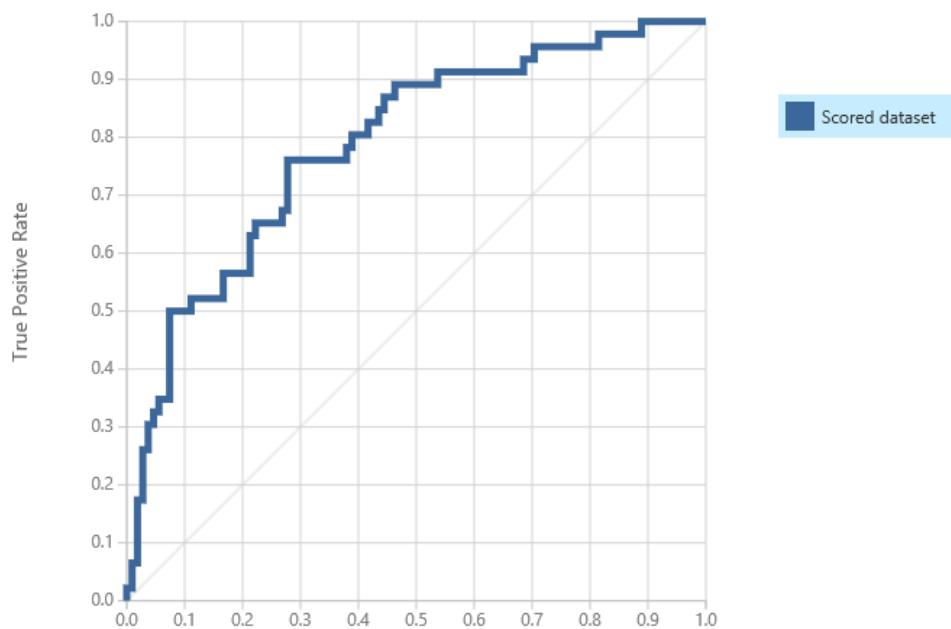


Draft saved at 12:29

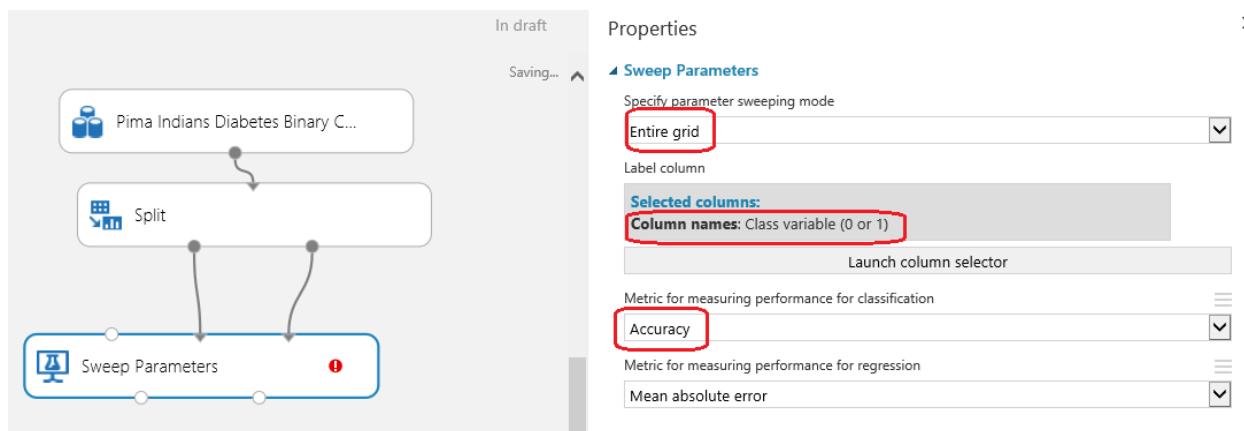


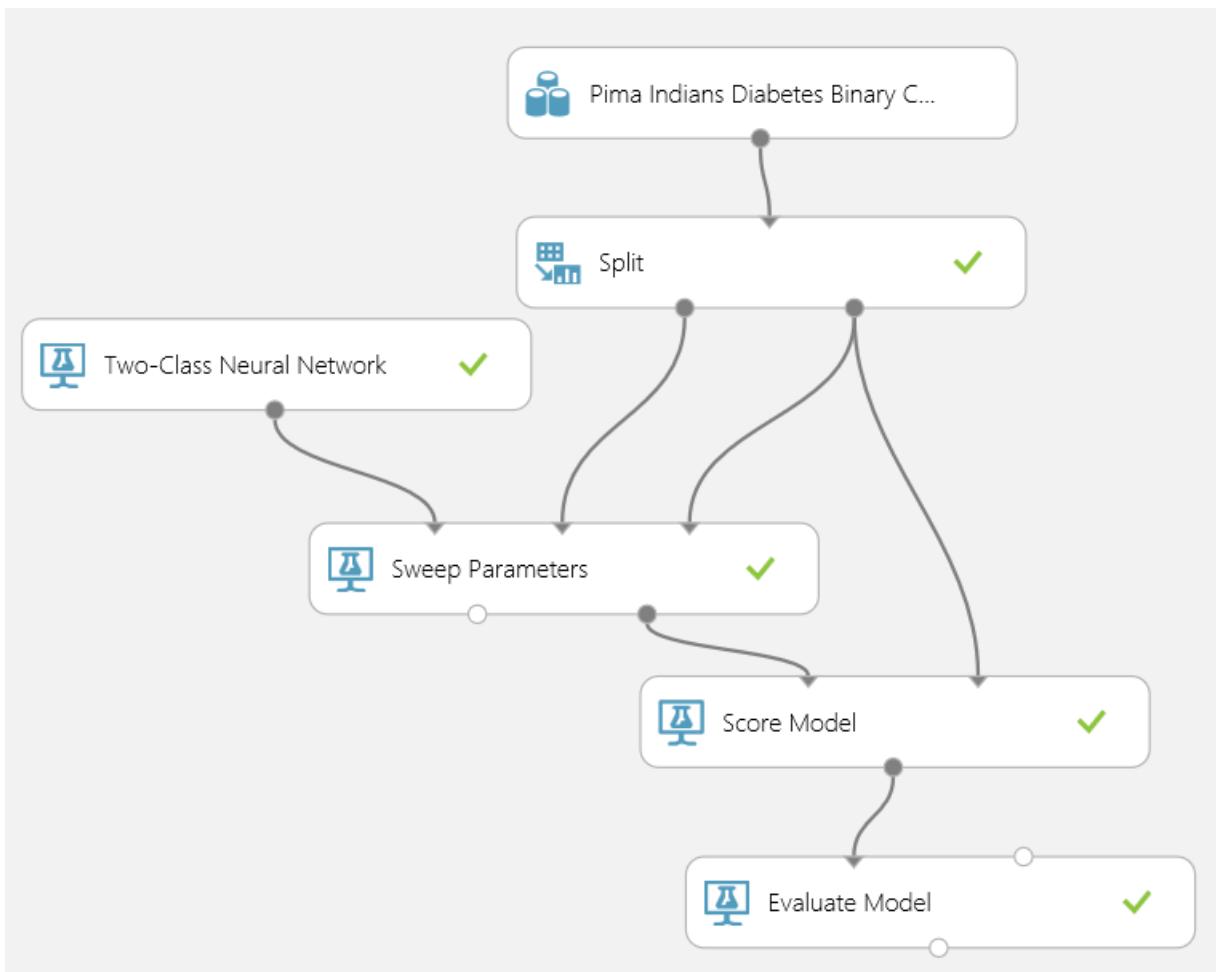
Classification - Pima Indians Diabetes Dataset > Evaluate Model > Evaluation results

ROC PRECISION/RECALL LIFT



True Positive	False Negative	Accuracy	Precision	Threshold	AUC
23	23	0.779	0.676	0.51	0.788
False Positive	True Negative	Recall	F1 Score		
11	97	0.500	0.575		





Classification - Adult Census Income > Adult Census Income Binary Classification dataset > dataset

rows	columns
32561	15
view as	
39	age workclass fnlwgt education education-num marital-status occupation relationship race sex capital-gain capital-loss hours-per-week native-country
50	State-gov Self-emp-not-inc 77516 Bachelors 13 Never-married Married-civ-spouse Adm-clerical Not-in-family White Male 21 0

> **Statistics**

Unique Values	9
Missing Values	1836
Feature Type	String

> **Visualizations**

Classification - Adult Census Income (DF)

In draft Draft saved at 11:56:17 AM

Project Columns

Select columns

Allow duplicates and preserve column order in selection

Begin With All columns

Exclude column names: workclass ✕ occupation ✕ native-country ✕

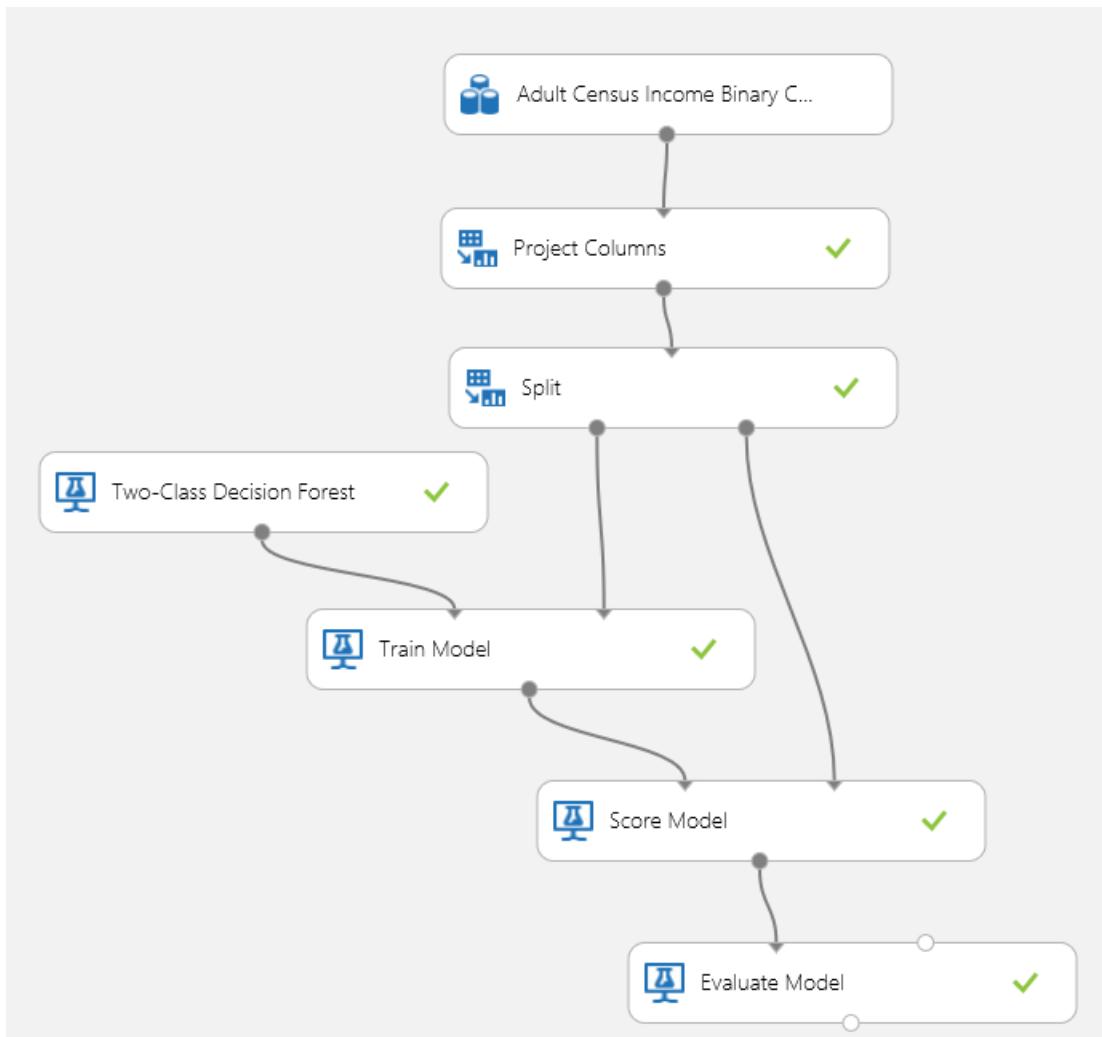
Properties

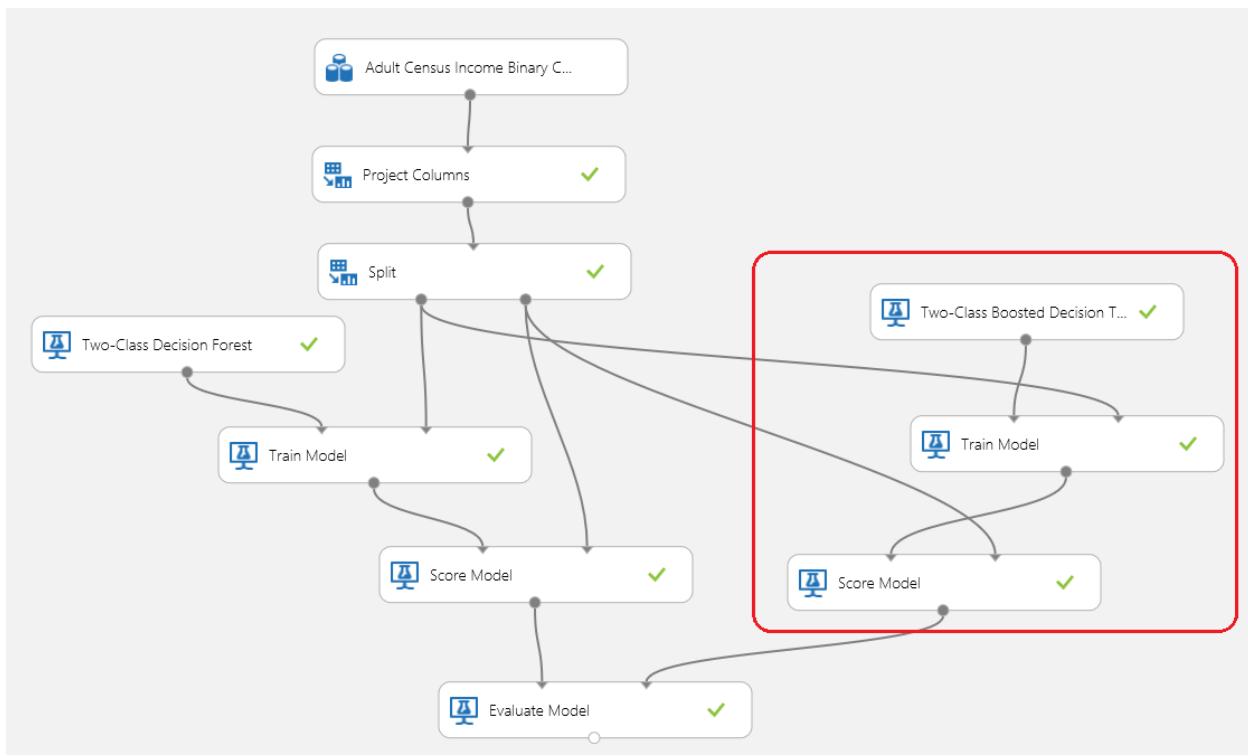
Project Columns

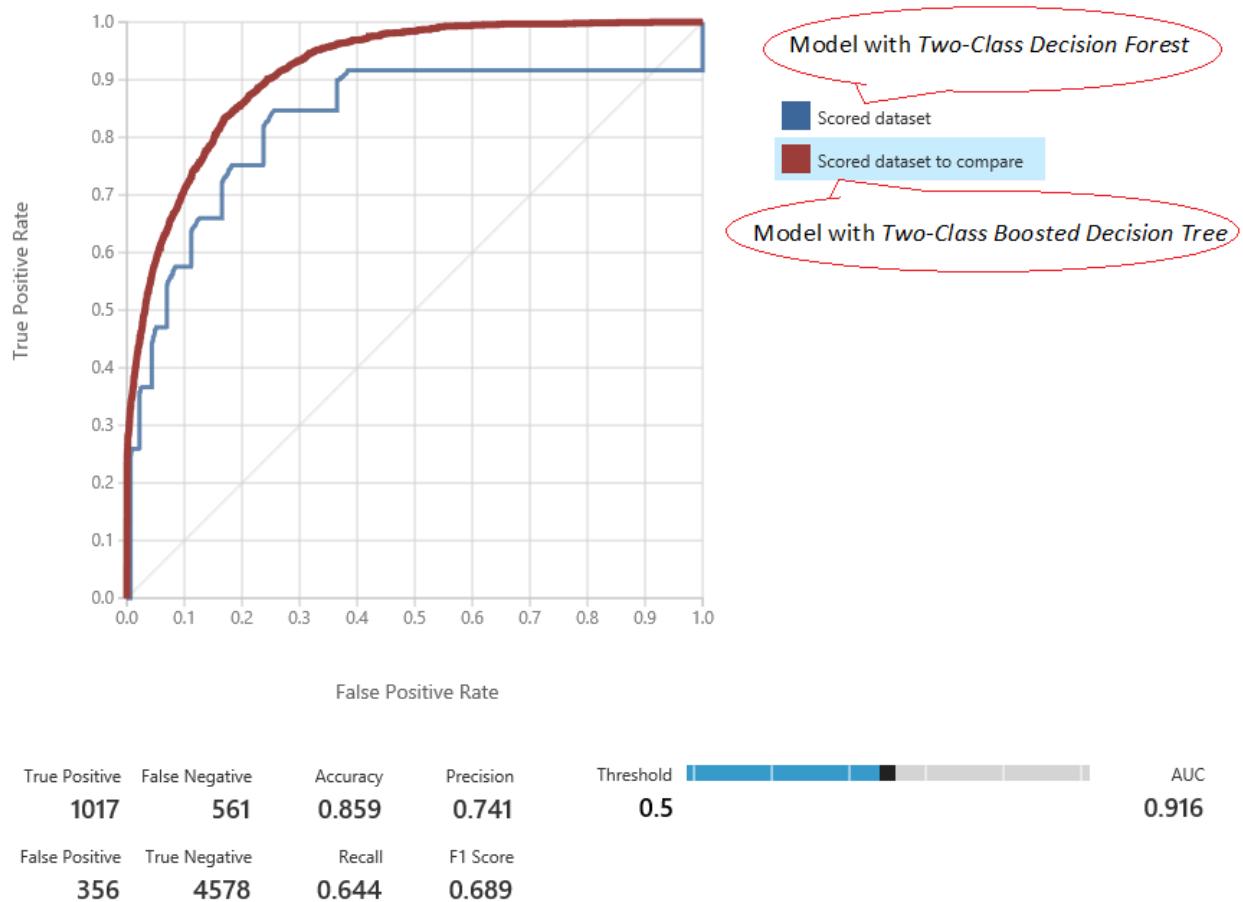
Select columns
Selected columns: All columns
Exclude column names: workclass,occupation,native-country

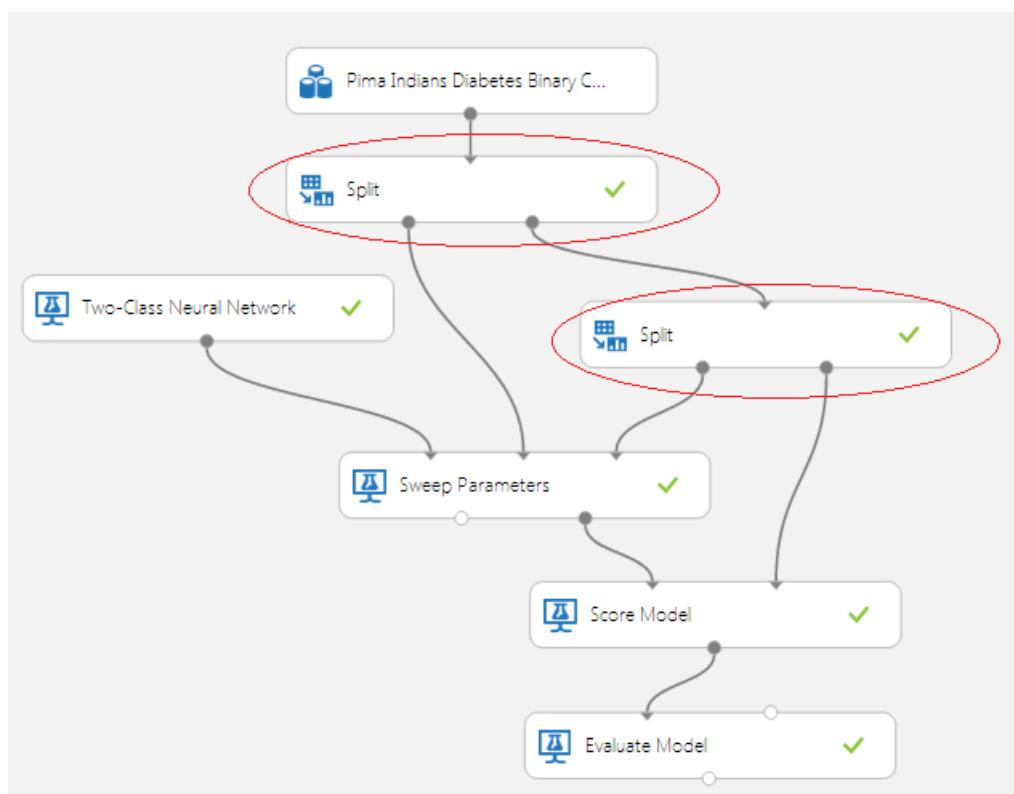
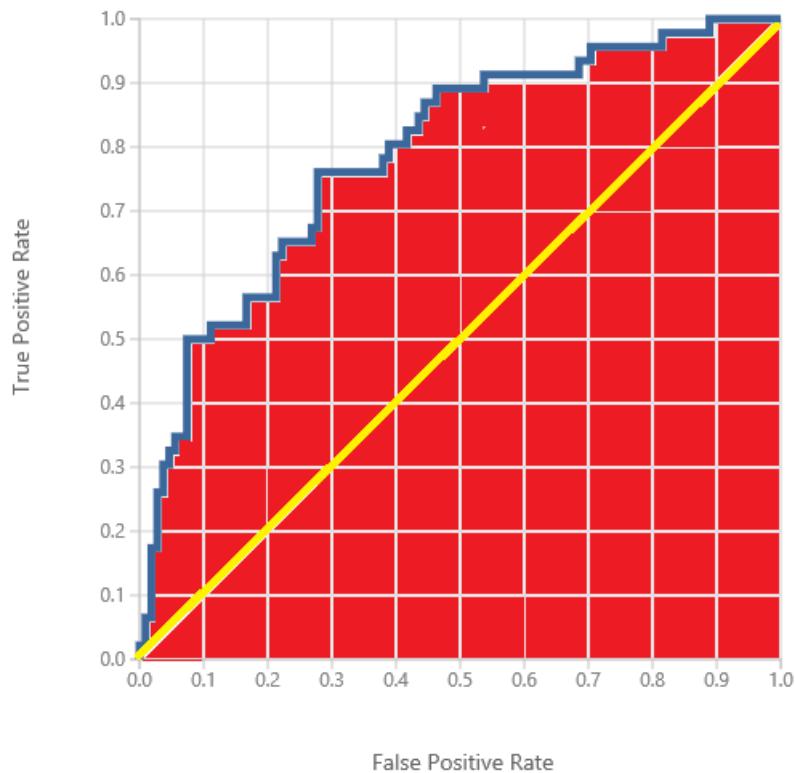
Experiment Properties

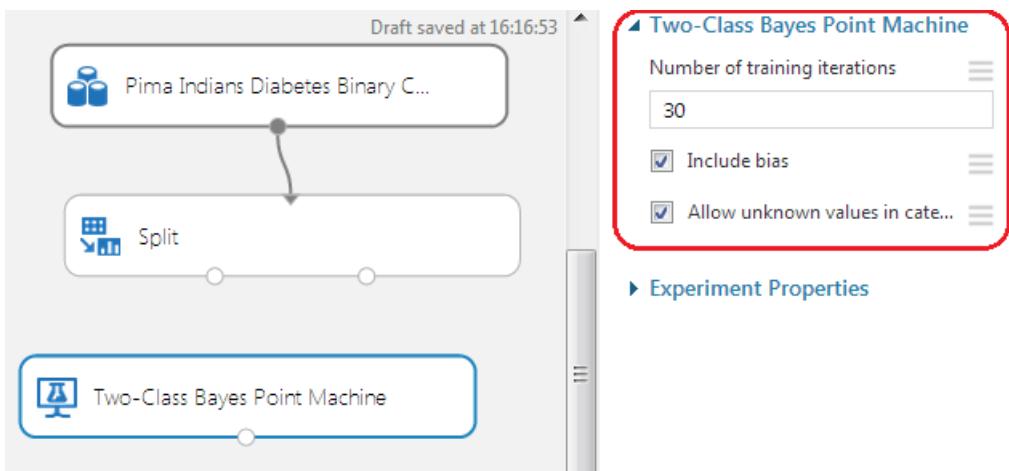
STATUS CODE InDraft
 Disable upgrades











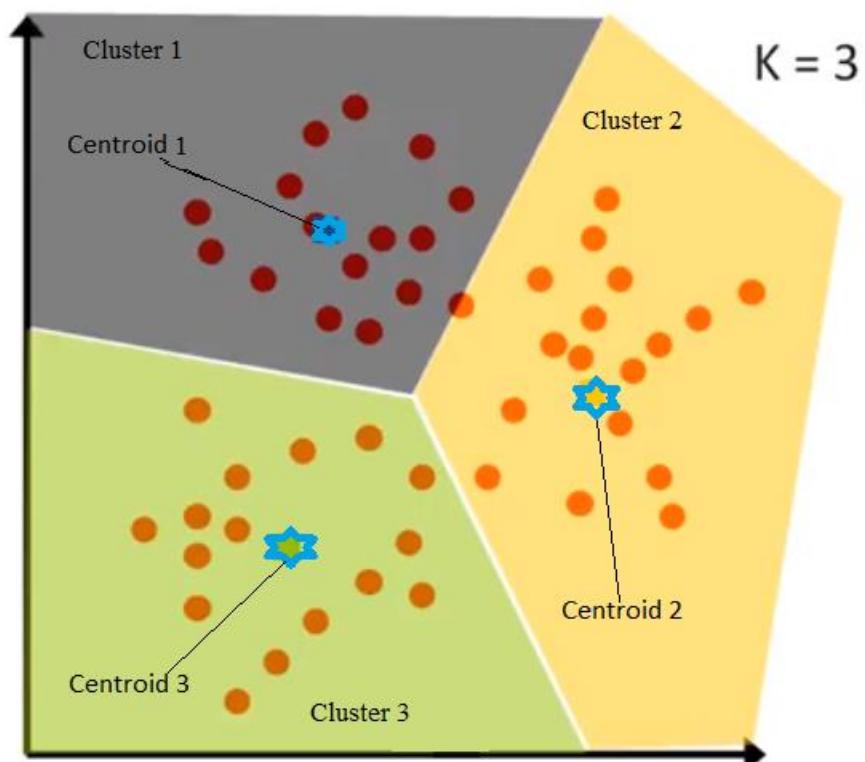
Predicted ➡ P N

Actual ↴ T F

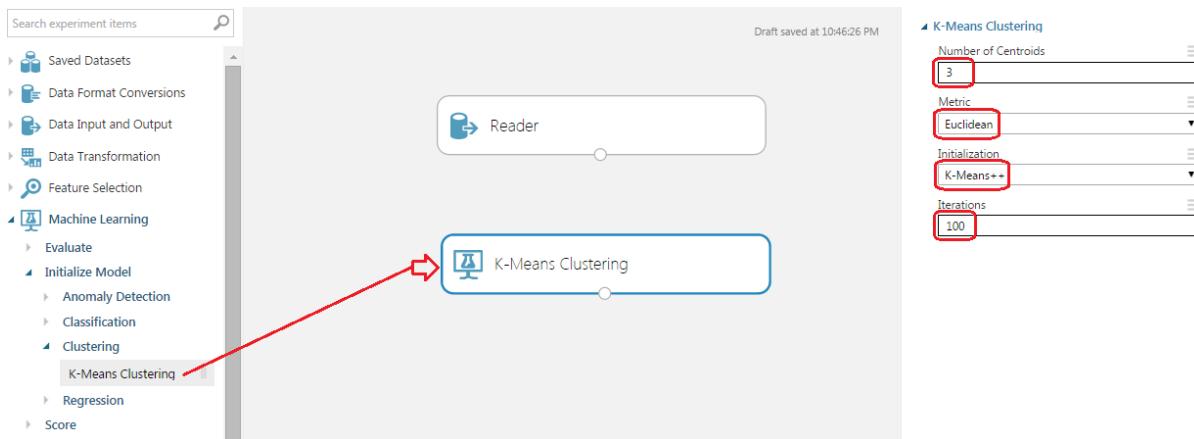
		P	N
		1	1
T			
F		2	1

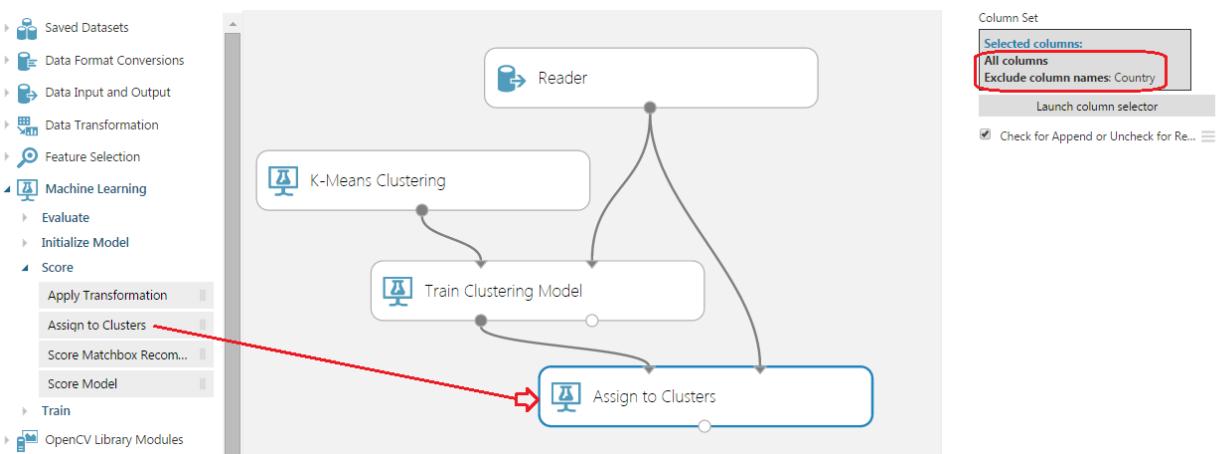
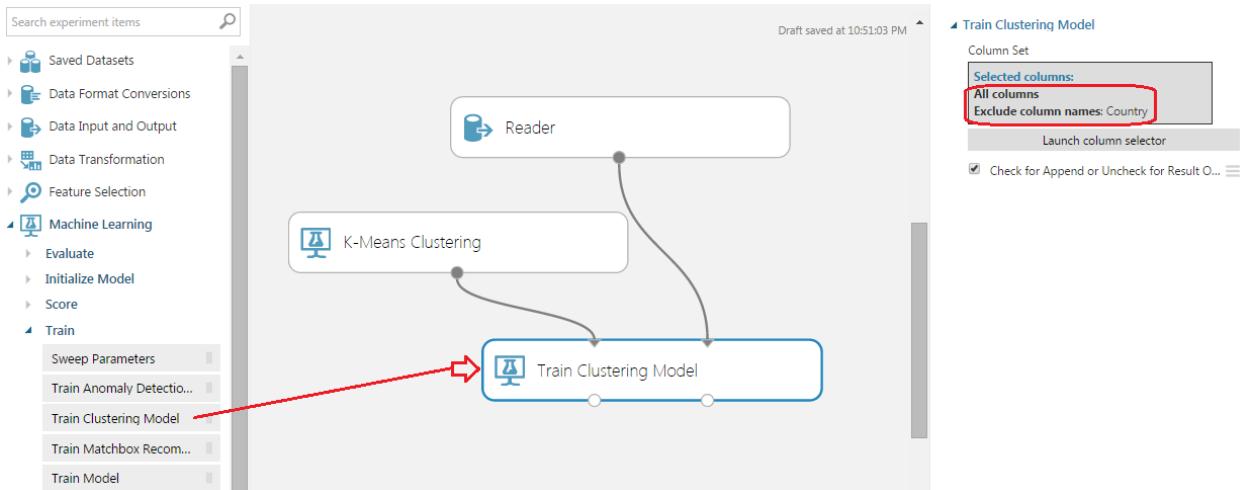
		Low	Medium	High
		0 (0%)	1 (100%)	
Low				
Actual ↴			2 (66.6%)	1 (33.3%)
Medium				
High				1 (100%)

Chapter 8

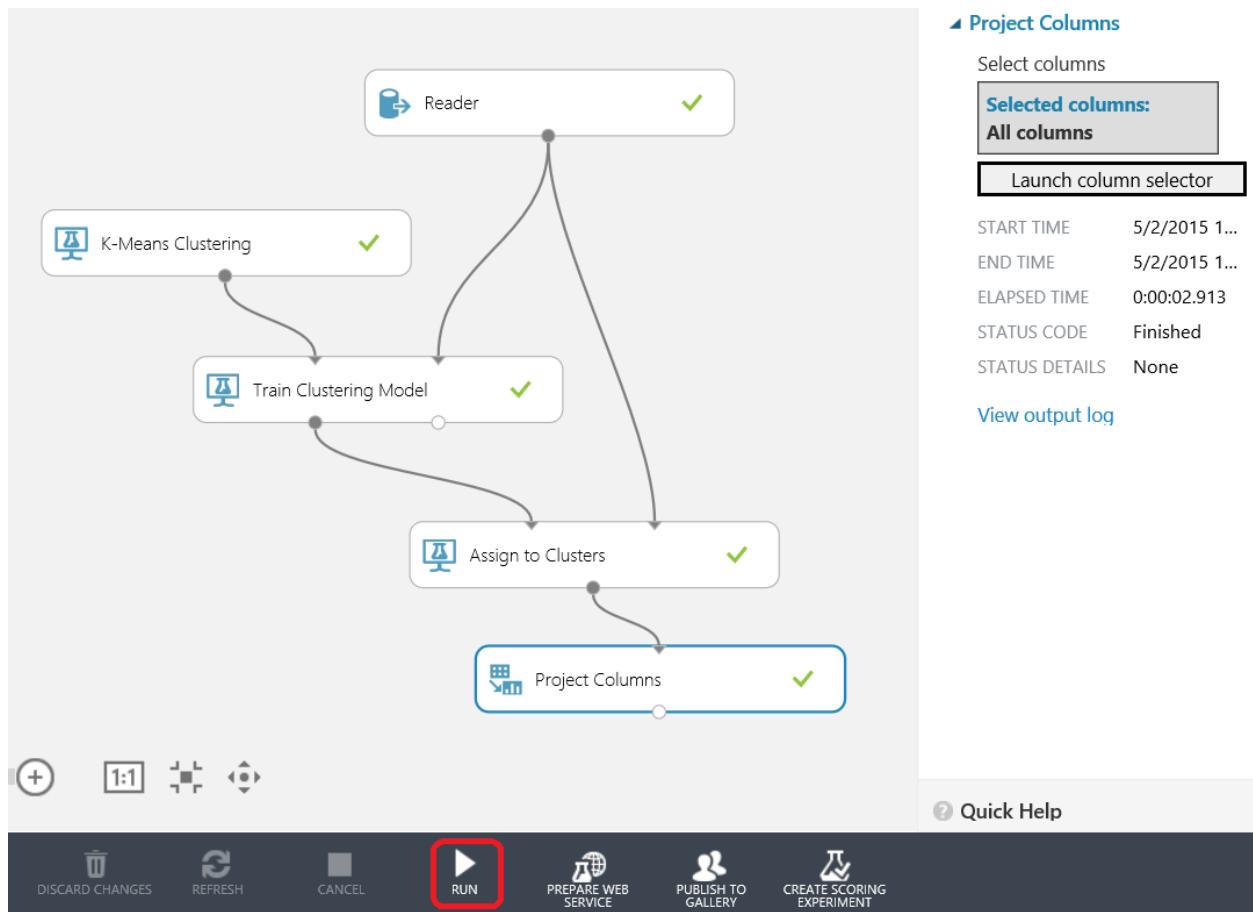


Country	RedMeat	WhiteMeat	Eggs	Milk	Fish	Cereals	Starch	Nuts	Fr&Veg
Albania	10.1	1.4	0.5	8.9	0.2	42.3	0.6	5.5	1.7
Austria	8.9	14	4.3	19.9	2.1	28	3.6	1.3	4.3
Belgium	13.5	9.3	4.1	17.5	4.5	26.6	5.7	2.1	4
Bulgaria	7.8	6	1.6	8.3	1.2	56.7	1.1	3.7	4.2
Czechoslovakia	9.7	11.4	2.8	12.5	2	34.3	5	1.1	4
Denmark	10.6	10.8	3.7	25	9.9	21.9	4.8	0.7	2.4
E Germany	8.4	11.6	3.7	11.1	5.4	24.6	6.5	0.8	3.6
Finland	9.5	4.9	2.7	33.7	5.8	26.3	5.1	1	1.4
France	18	9.9	3.3	19.5	5.7	28.1	4.8	2.4	6.5

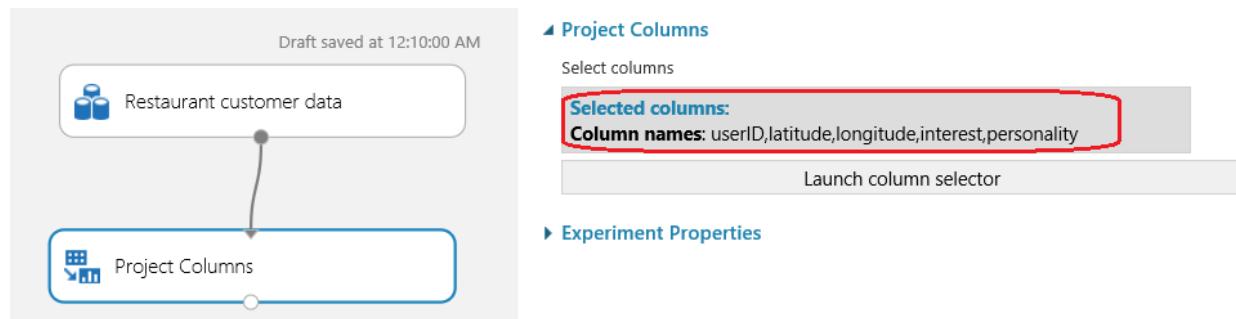
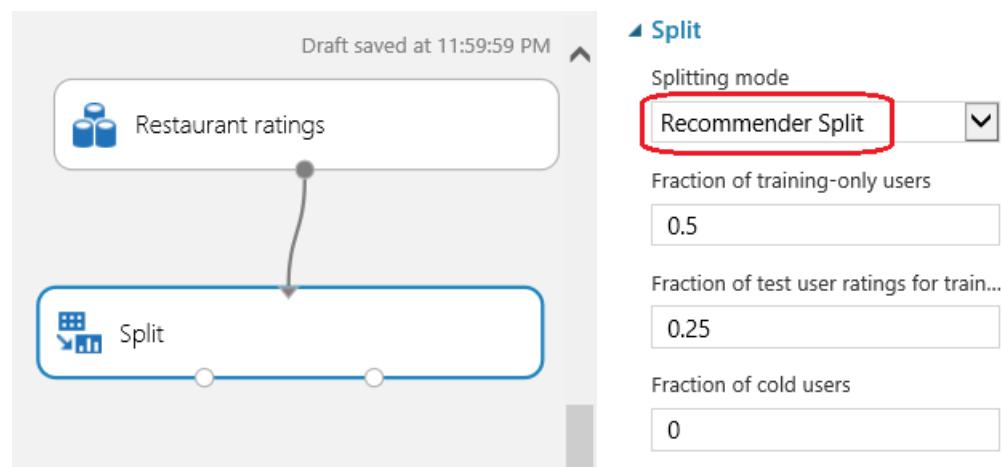
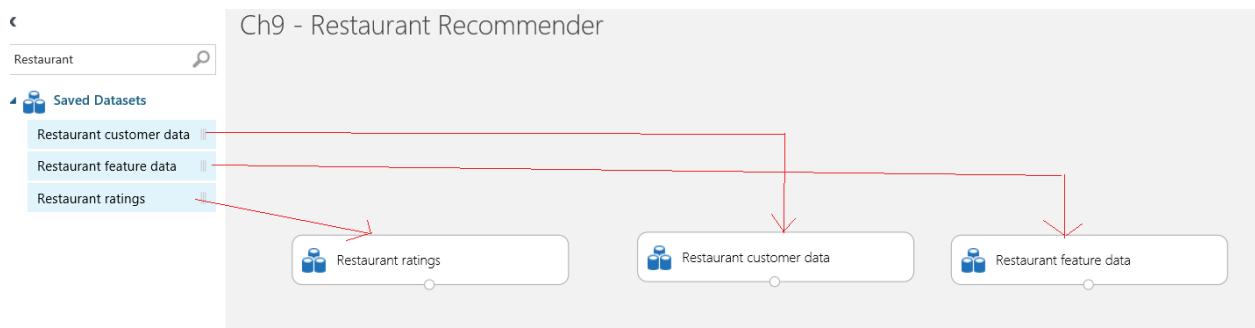


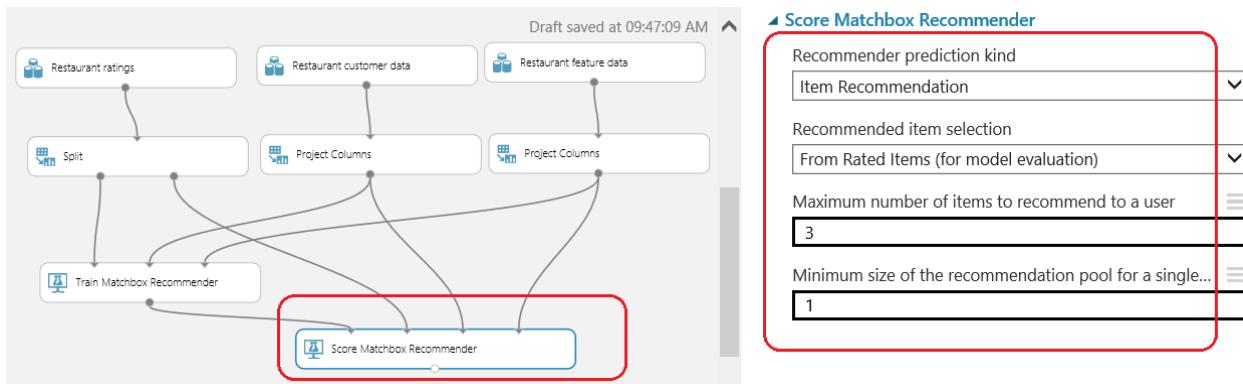
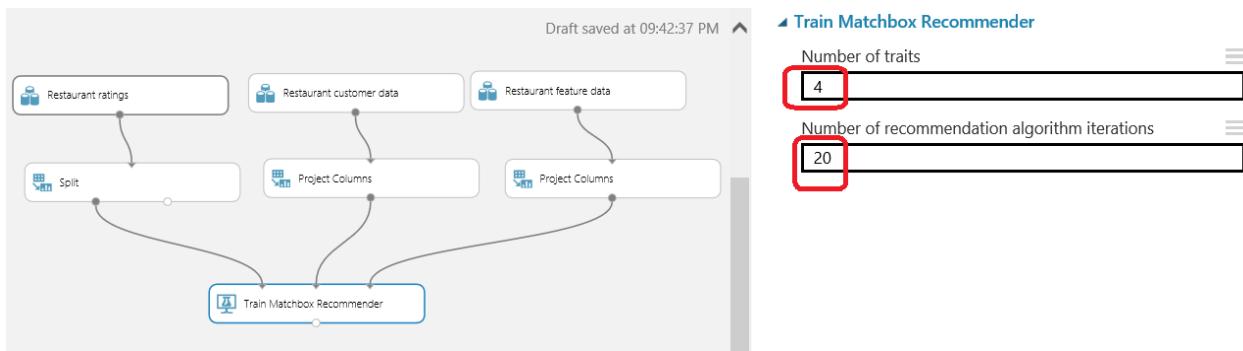


Country	RedMeat	WhiteMeat	Eggs	Milk	Fish	Cereals	Starch	Nuts	Fr&Veg	Assignments
Albania	10.1	1.4	0.5	8.9	0.2	42.3	0.6	5.5	1.7	0
Austria	8.9	14	4.3	19.9	2.1	28	3.6	1.3	4.3	1
Belgium	13.5	9.3	4.1	17.5	4.5	26.6	5.7	2.1	4	1
Bulgaria	7.8	6	1.6	8.3	1.2	56.7	1.1	3.7	4.2	0
Czechoslovakia	9.7	11.4	2.8	12.5	2	34.3	5	1.1	4	2
Denmark	10.6	10.8	3.7	25	9.9	21.9	4.8	0.7	2.4	1
E Germany	8.4	11.6	3.7	11.1	5.4	24.6	6.5	0.8	3.6	2
Finland	9.5	4.9	2.7	33.7	5.8	26.3	5.1	1	1.4	1
France	18	9.9	3.3	19.5	5.7	28.1	4.8	2.4	6.5	1
Greece	10.2	3	2.8	17.6	5.9	41.7	2.2	7.8	6.5	0
Hungary	5.3	12.4	2.9	9.7	0.3	40.1	4	5.4	4.2	2

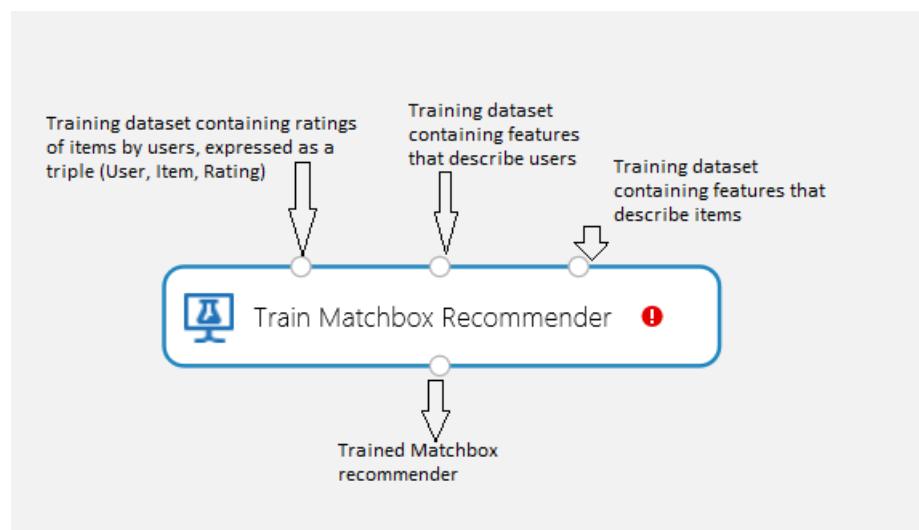
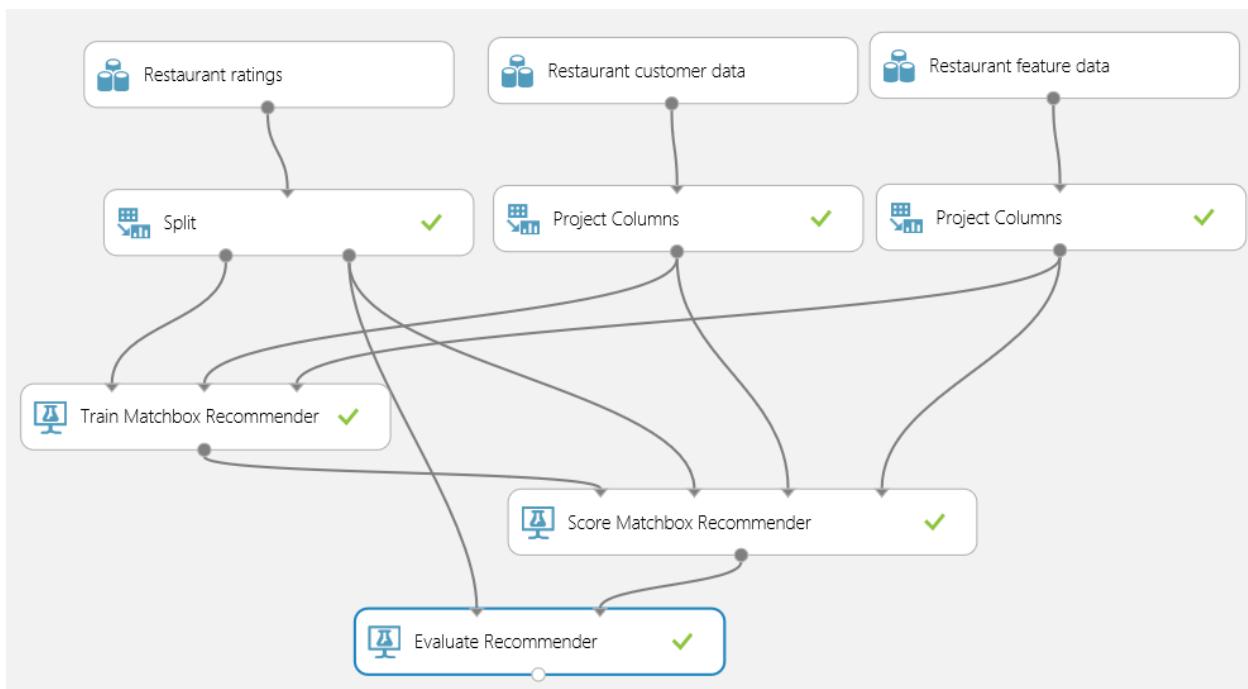


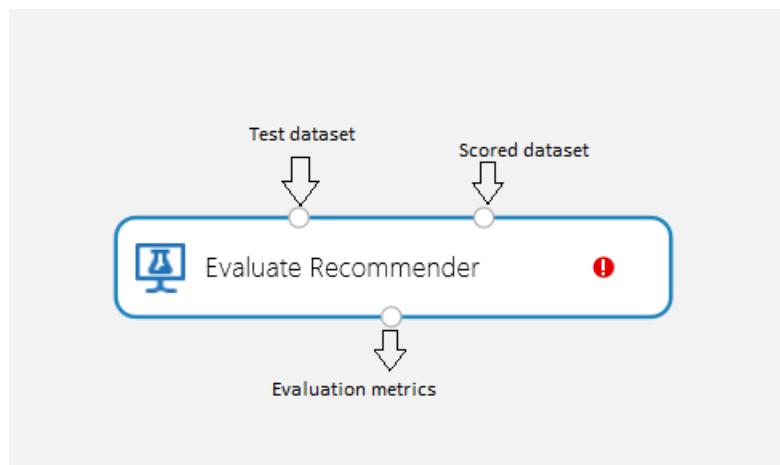
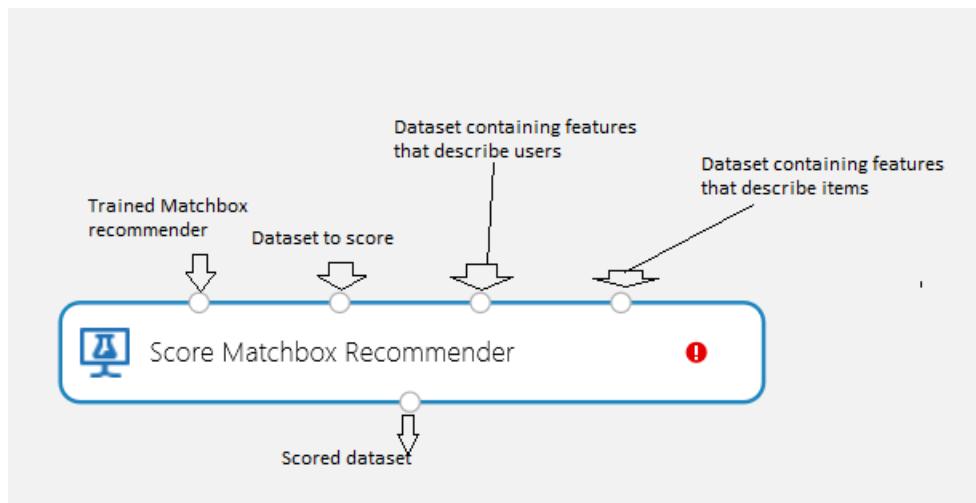
Chapter 9





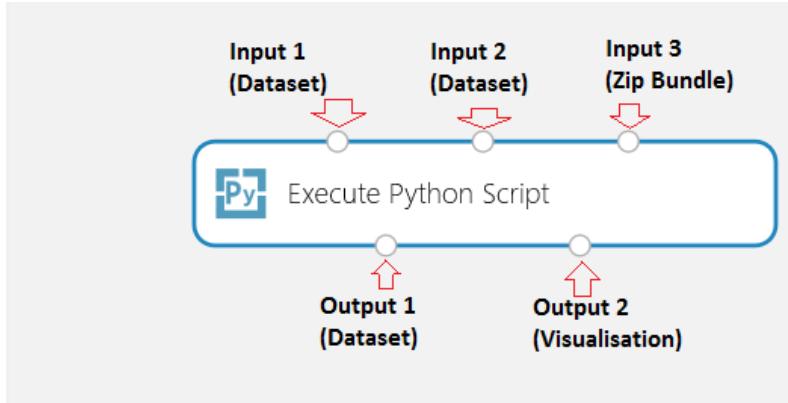
	User	Item 1	Item 2	Item 3
view as				
	U1048	135034	135026	135065
	U1117	135018	132766	135088
	U1049	135052	132862	135051
	U1088	135057	135071	135032
	U1062	135052	135045	135062
	U1035	134986	135018	132773
	U1125	135062	135076	135038
	U1013	135075	135079	132921





Chapter 10

- ▶ Feature Selection
- ▶ Machine Learning
- ▶ OpenCV Library Modules
- ▶ Python Language Modules
 - Execute Python Script**
- ▶ R Language Modules



Python script

```

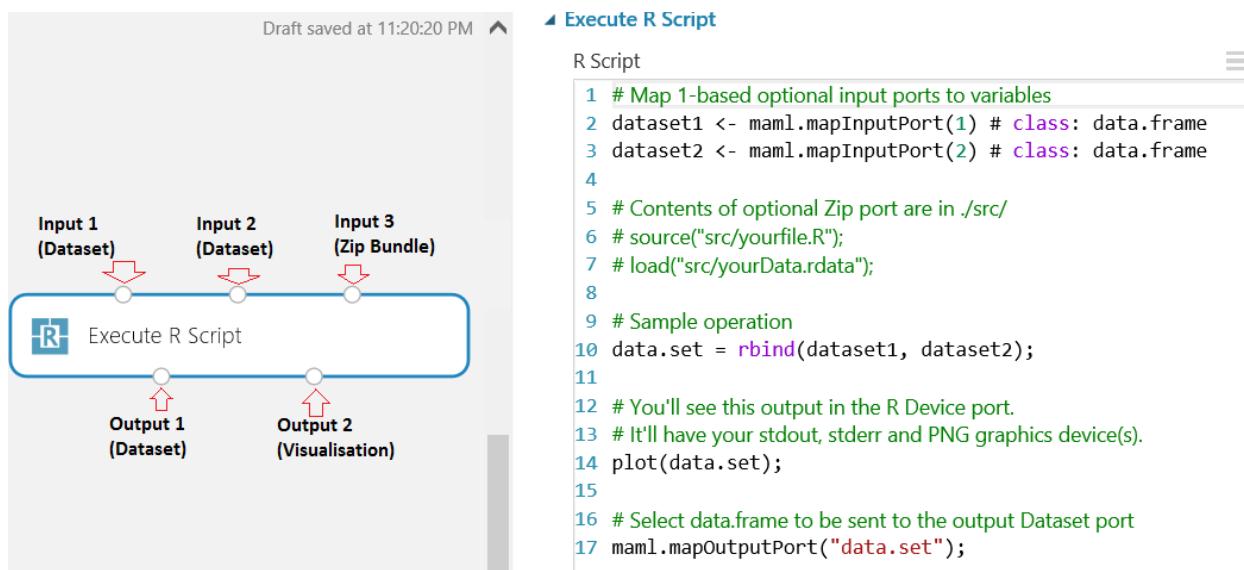
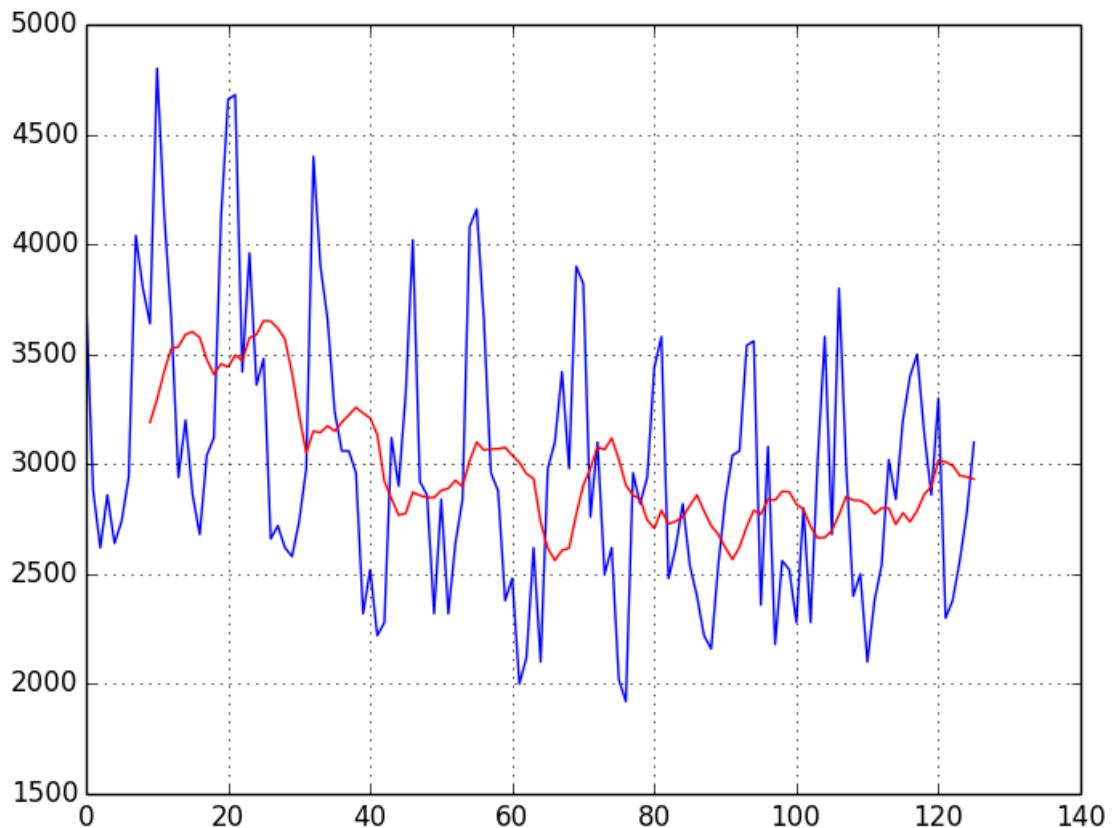
1 # The script MUST contain a function named azureml_main
2 # which is the entry point for this module.
3 #
4 # The entry point function can contain up to two input arguments:
5 # Param<dataframe1>: a pandas.DataFrame
6 # Param<dataframe2>: a pandas.DataFrame
7 #           ↓ Input 1
8 def azureml_main(dataframe1 = None, dataframe2 = None):
9 #           ↑ Input 2
10 ##### Execution logic goes here #####
11 # Code to get the result DataFrame
12     resultDataFrame = ...
13
14 # Code to generate the visualisation (if any!)
15     ...
16 # Return value must be of a sequence of pandas.DataFrame
17     return resultDataFrame,
#           ↑ Output 1

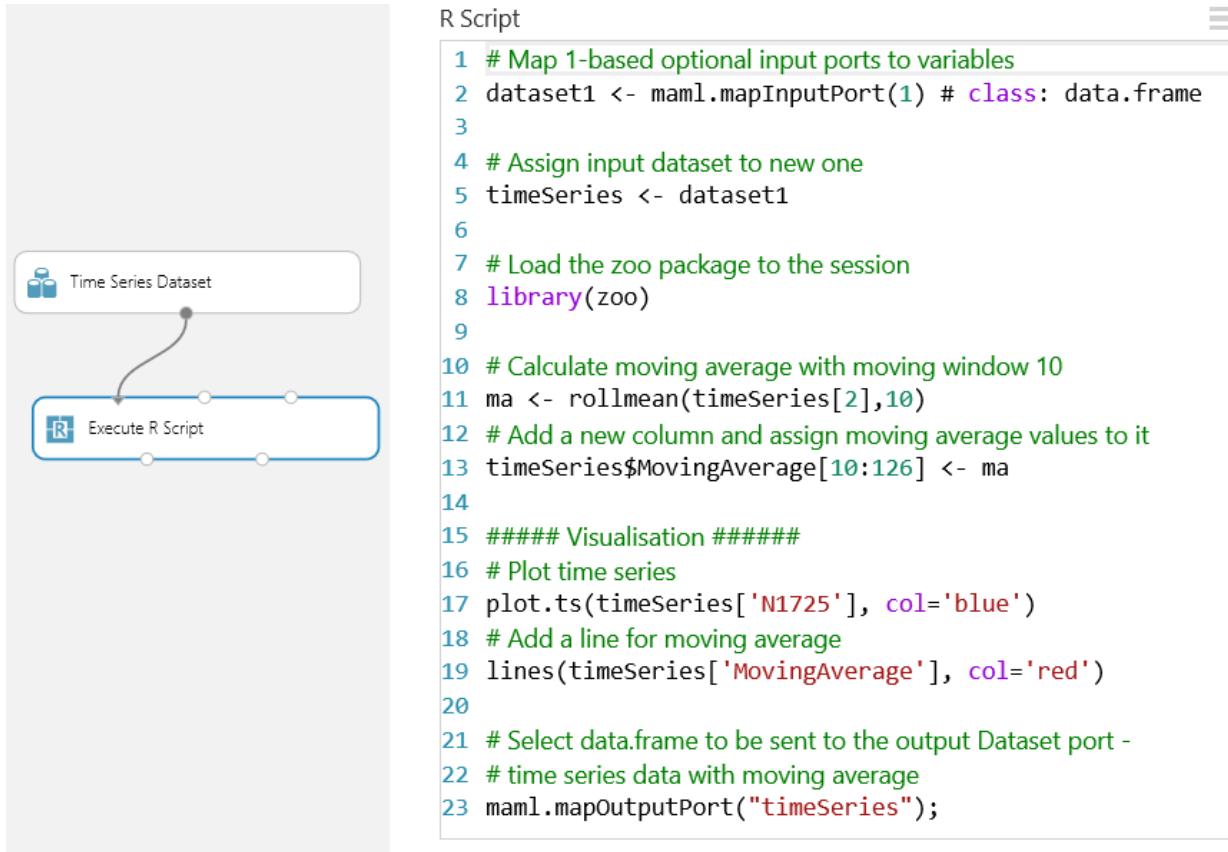
```

In draft Properties

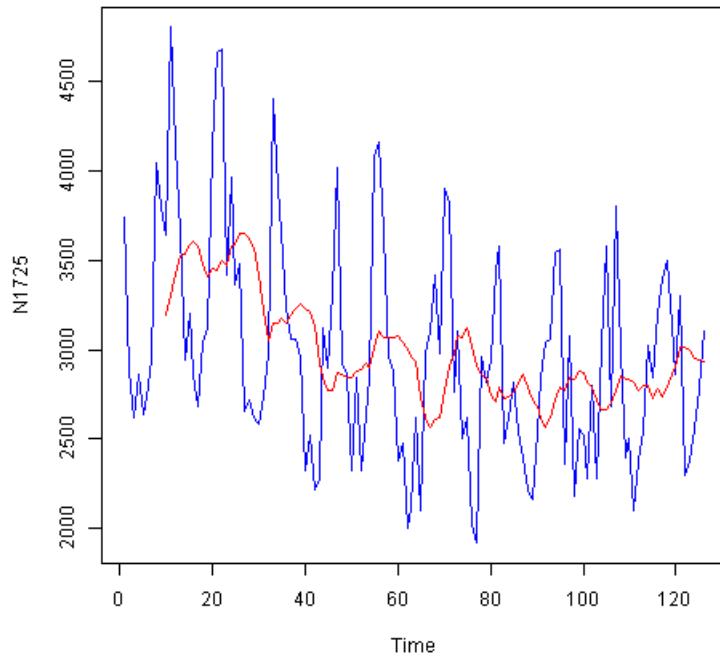
Draft saved at 07:31:53 PM

```
1 def azureml_main(dataframe1 = None, dataframe2 = None):
2     ##### Import package(s) #####
3     import pandas as pd
4     import numpy as np
5     import matplotlib
6     # Change to use a non-interactive backend, Agg (for PNGs)
7     matplotlib.use("agg")
8     import matplotlib.pyplot as plt
9     # Assign the input data frame to a new one
10    sampleTimeSeries = dataframe1
11    # Calculate moving average. Results in a series
12    movingAverage = pd.rolling_mean(sampleTimeSeries['N1725'], 10)
13    # Add a new column for moving average data and assign the value
14    sampleTimeSeries['MovingAverage'] = movingAverage
15
16    ##### Visualisation #####
17    # Create New figure
18    fig = plt.figure()
19    ax = fig.gca()
20    ##### Plot into specified axis
21    # Plot the time series
22    sampleTimeSeries['N1725'].plot(ax=ax)
23    # Add line for moving average
24    sampleTimeSeries['MovingAverage'].plot(ax=ax, color='red')
25    # Save the figure to image
26    fig.savefig('TimeSeriesWithMovingAverage.png')
27    # Return value(pandas.DataFrame) - time series data with moving average
28    return sampleTimeSeries,
```

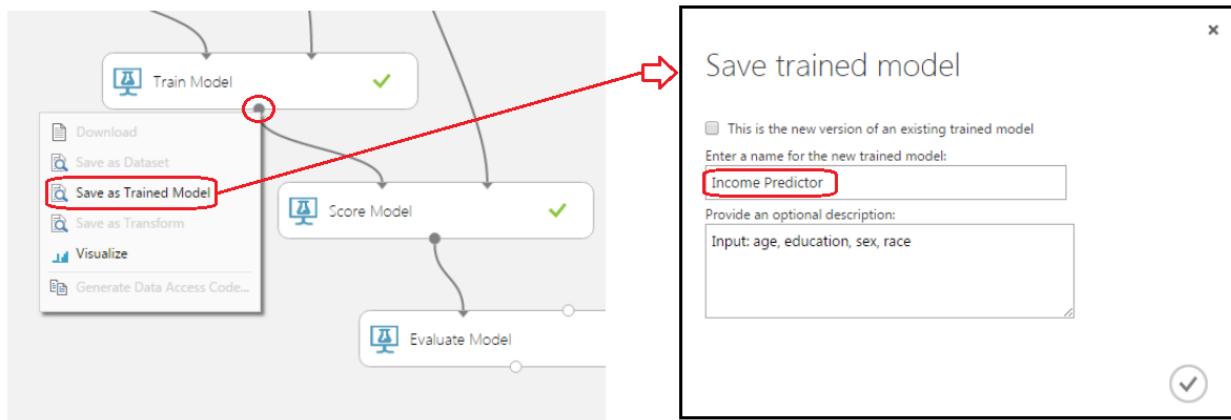
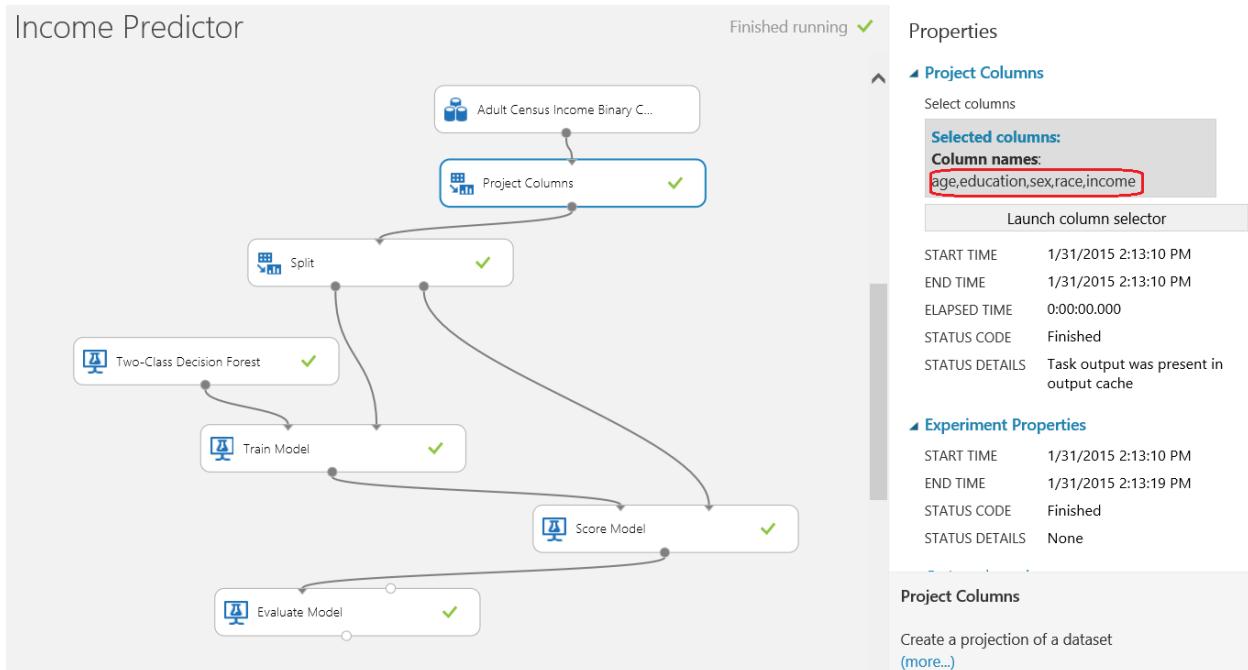


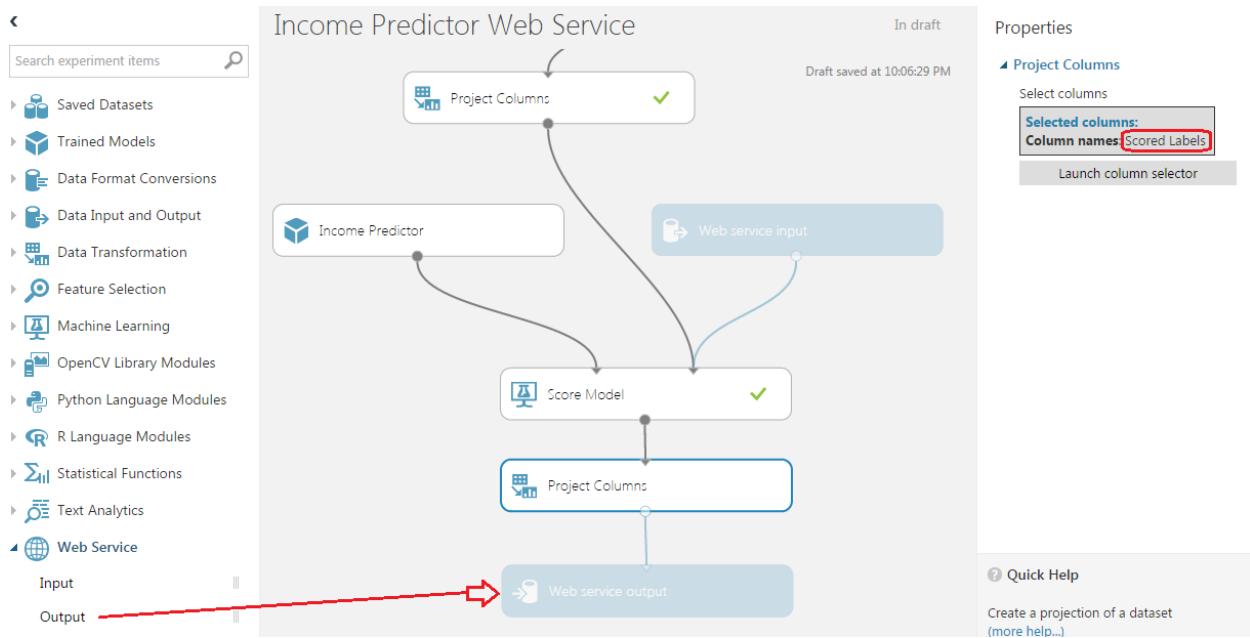
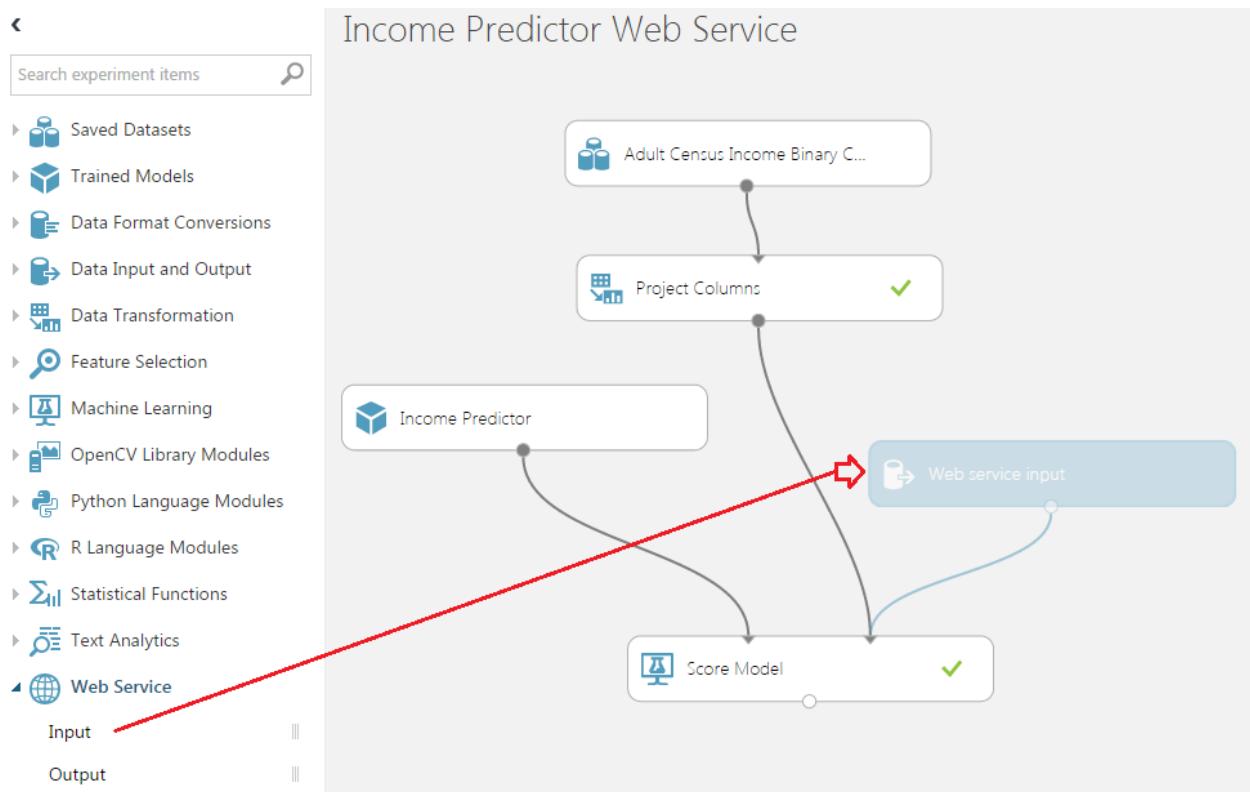


- ▶ Standard Output
- ▶ Standard Error
- ◀ Graphics Device



Chapter 11





income predictor web service

DASHBOARD CONFIGURATION

General



1

Published experiment

[View snapshot](#) [View latest](#)



2

Description



No description provided for this web service.

API key



4

oyeUahaQlI5OBv/KXngd1SneS85OQ5EEVQMcoYDC6LoTzpu5eOIMIOY6N8QFR+Q8HPqJX/M+z4k+zPHYPk



Default Endpoint

API HELP PAGE

TEST

APPS

REQUEST/RESPONSE



Test



Download Excel Workbook

BATCH EXECUTION



8

Additional endpoints

Number of additional endpoints created for this web service: 0

[Manage endpoints in Azure management portal](#)

Test Income Predictor Web Service Service

Enter data to predict

AGE

49

EDUCATION

Masters

RACE

White

SEX

Male

X



✓ 'Income Predictor Web Service' test returned [>50K]...

DETAILS CLOSE

NEW DELETE

◀ 'Income Predictor Web Service' test returned [>50K]...

✓ Result: {"Results":{"output1":{"type":"table","value":{"ColumnNames":["Scored Labels"],"ColumnTypes":["String"],"Values":[">50K"]}}}}

EXPERIMENTS

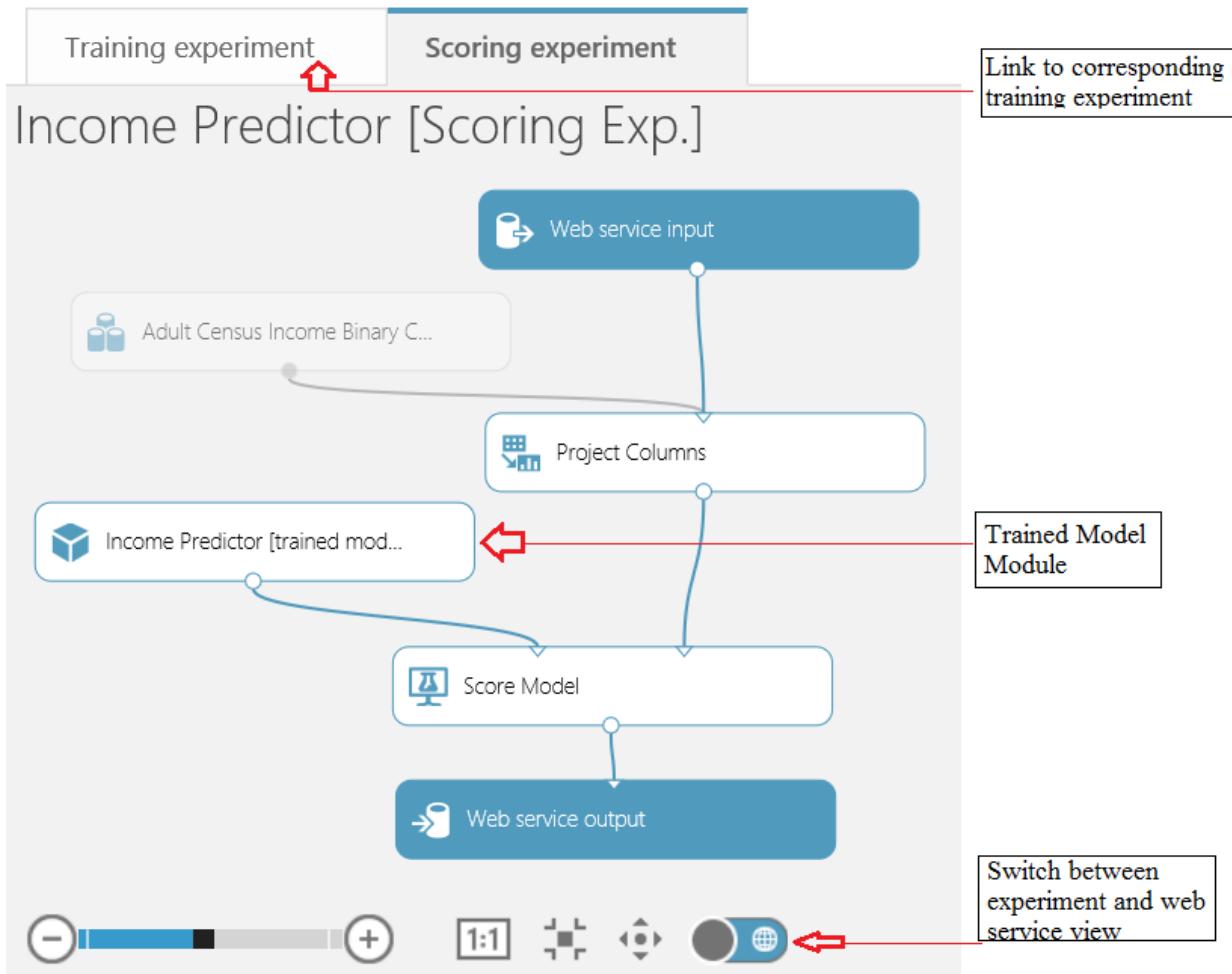
WEB SERVICES

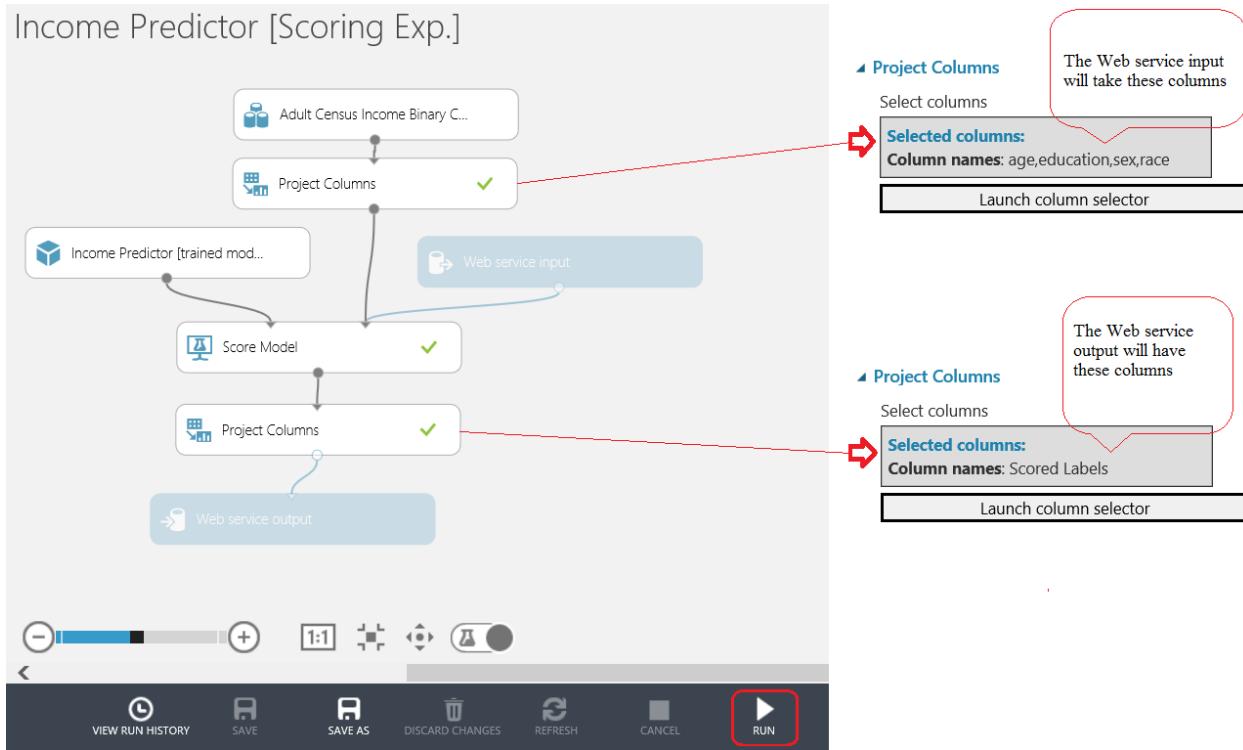
DATASETS

TRAINED MODELS

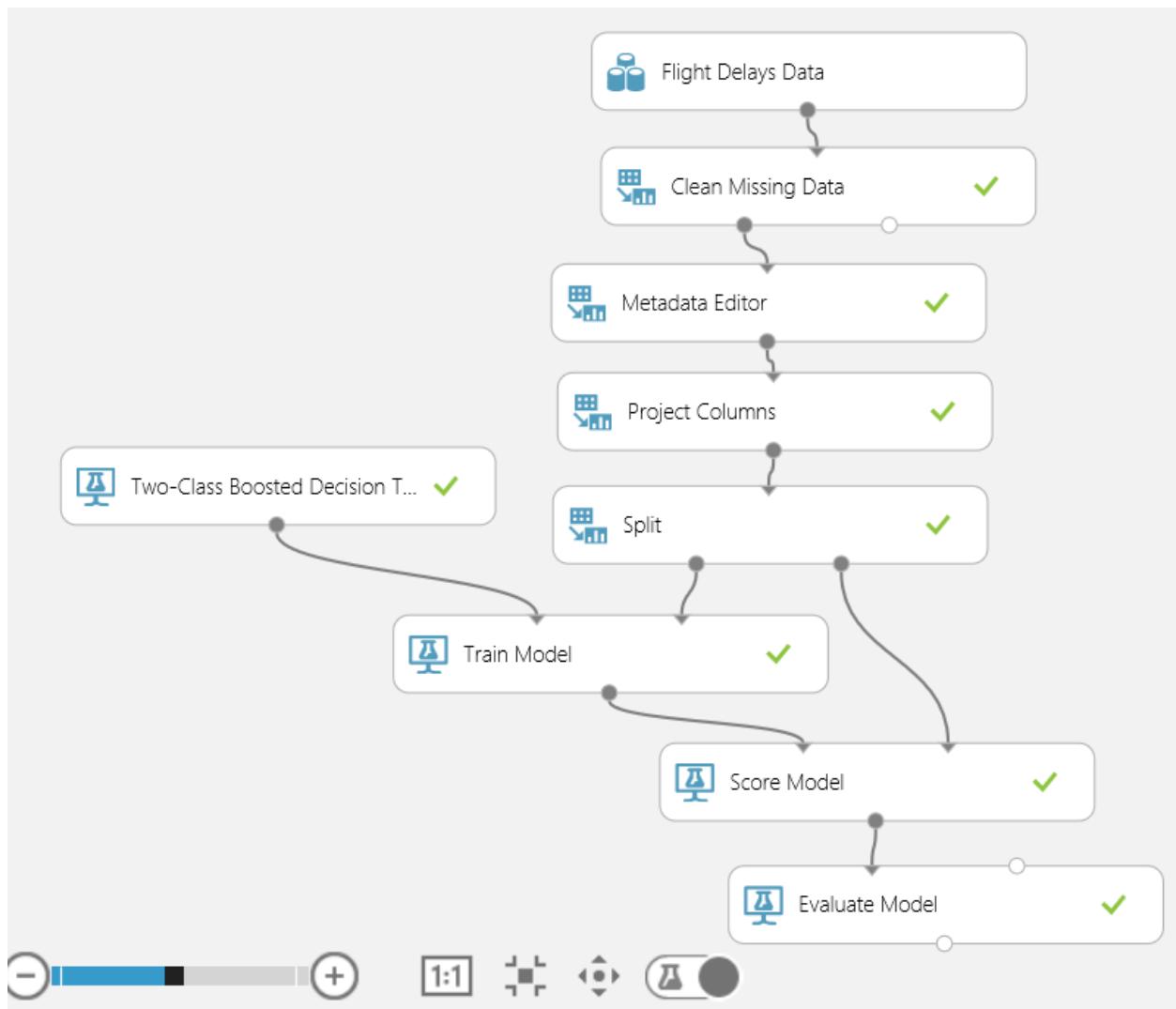
web services

NAME	CREATED ON
Income Predictor Web Service	5/8/2015 10:17:24 PM





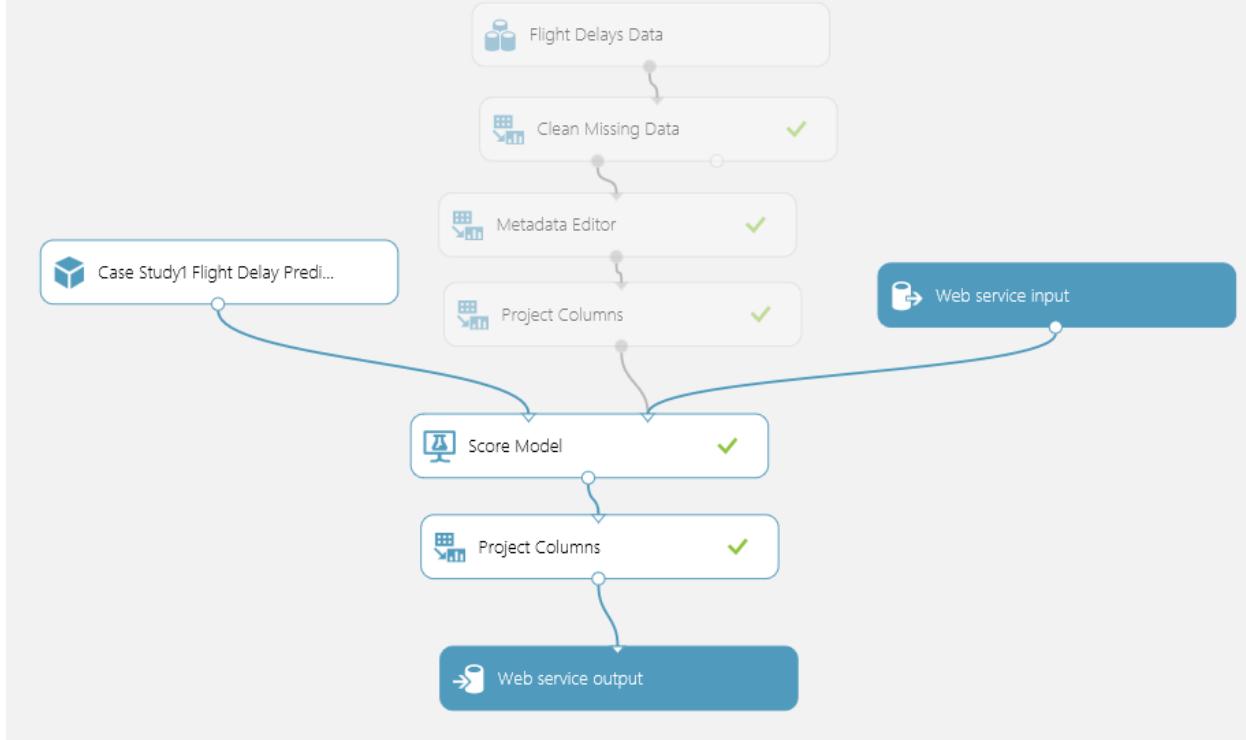
Chapter 12



Training experiment

Scoring experiment

Case Study1: Flight Delay Prediction [Scoring Exp.]



Chapter 13

