

FileEditProcessViewConnectionsSettingsExtensionsHelp

Views:DesignResultsTurbo PrepAuto ModelInteractive Analysis

Find data, operators...etcAll Studio

Result History

ExampleSet (Clustering)PerformanceVector (Performance)ExampleSet (/Local Repository/data/iris)

Data

Statistics

Visualizations

Annotations

Open inTurbo PrepAuto ModelInteractive Analysis

Filter (150 / 150 examples):all

Row No.	id	species	cluster	sepal_length	sepal_width	petal_length	petal_width
1	1	Iris-setosa	cluster_0	-0.898	1.029	-1.337	-1.309
2	2	Iris-setosa	cluster_0	-1.139	-0.125	-1.337	-1.309
3	3	Iris-setosa	cluster_0	-1.381	0.337	-1.393	-1.309
4	4	Iris-setosa	cluster_0	-1.501	0.106	-1.280	-1.309
5	5	Iris-setosa	cluster_0	-1.018	1.259	-1.337	-1.309
6	6	Iris-setosa	cluster_0	-0.535	1.951	-1.167	-1.047
7	7	Iris-setosa	cluster_0	-1.501	0.798	-1.337	-1.178
8	8	Iris-setosa	cluster_0	-1.018	0.798	-1.280	-1.309
9	9	Iris-setosa	cluster_0	-1.743	-0.355	-1.337	-1.309
10	10	Iris-setosa	cluster_0	-1.139	0.106	-1.280	-1.440
11	11	Iris-setosa	cluster_0	-0.535	1.490	-1.280	-1.309
12	12	Iris-setosa	cluster_0	-1.260	0.798	-1.223	-1.309
13	13	Iris-setosa	cluster_0	-1.260	-0.125	-1.337	-1.440
14	14	Iris-setosa	cluster_0	-1.864	-0.125	-1.507	-1.440
15	15	Iris-setosa	cluster_0	-0.052	2.182	-1.450	-1.309
16	16	Iris-setosa	cluster_0	-0.173	3.104	-1.280	-1.047
17	17	Iris-setosa	cluster_0	-0.535	1.951	-1.393	-1.047
18	18	Iris-setosa	cluster_0	-0.898	1.029	-1.337	-1.178
19	19	Iris-setosa	cluster_0	-0.173	1.721	-1.167	-1.178
20	20	Iris-setosa	cluster_0	-0.898	1.721	-1.280	-1.178
21	21	Iris-setosa	cluster_0	-0.535	0.798	-1.167	-1.309
22	22	Iris-setosa	cluster_0	-0.898	1.490	-1.280	-1.047
23	23	Iris-setosa	cluster_0	-1.501	1.259	-1.563	-1.309
24	24	Iris-setosa	cluster_0	-0.898	0.567	-1.167	-0.915
25	25	Iris-setosa	cluster_0	-1.260	0.798	-1.053	-1.309
26	26	Iris-setosa	cluster_0	-1.018	-0.125	-1.223	-1.309
27	27	Iris-setosa	cluster_0	-1.018	0.798	-1.223	-1.047
28	28	Iris-setosa	cluster_0	-0.777	1.029	-1.280	-1.309
29	29	Iris-setosa	cluster_0	-0.777	0.798	-1.337	-1.309
30	30	Iris-setosa	cluster_0	-1.381	0.337	-1.223	-1.309
31	31	Iris-setosa	cluster_0	-1.260	0.106	-1.223	-1.309
32	32	Iris-setosa	cluster_0	-0.535	0.798	-1.280	-1.047
33	33	Iris-setosa	cluster_0	-0.777	2.412	-1.280	-1.440
34	34	Iris-setosa	cluster_0	-0.415	2.643	-1.337	-1.309
35	35	Iris-setosa	cluster_0	-1.139	0.106	-1.280	-1.440
36	36	Iris-setosa	cluster_0	-1.018	0.337	-1.450	-1.309
37	37	Iris-setosa	cluster_0	-0.415	1.029	-1.393	-1.309

ExampleSet (150 examples,3 special attributes,4 regular attributes)

Repository

Import Data

Training Resources (connected)

Samples

data

Deals

Deals-Testset

Golf

Golf-Testset

Iris

Labor-Negotiations

Market-Data

Polynomial

Products

Purchases

Ripley-Set

Sonar

Titanic

Titanic Training

Titanic Unlabeled

Transactions

Weighting

processes

Templates

Time Series

Tutorials

Community Samples (connected)

Local Repository (Local)

Connections

data

house_data (4/14/24 10:15 AM - 3.3 MB)

iris (6/9/24 9:25 AM - 7 kB)

processes

corr_iris (6/9/24 9:20 AM - 2 kB)

Correlation_matrix (4/14/24 10:34 AM - 1 kB)

iris_cluster (6/9/24 9:39 AM - 6 kB)

rf_iris (6/9/24 9:55 AM - 7 kB)

test1 (4/28/24 11:03 PM - 8 kB)

test3 (4/28/24 11:12 PM - 4 kB)

DB (Legacy)

Type here to search

9:56 AM6/9/2024



Views:

Design

Results

Turbo Prep

Auto Model

Interactive
Analysis

Find data, operators...etc

All Studio

Result History ExampleSet (Clustering) PerformanceVector (Performance) ExampleSet (/Local Repository/data/iris)



Performance



Description



Annotations

PerformanceVector

PerformanceVector:

Avg. within centroid distance: -0.935
Avg. within centroid distance_cluster_0: -0.963
Avg. within centroid distance_cluster_1: -0.988
Avg. within centroid distance_cluster_2: -0.867
Davies Bouldin: -0.834

Repository

Import Data

Training Resources (connected)

Samples

data

Deals
Deals-Testset
Golf
Golf-Testset
Iris
Labor-Negotiations
Market-Data
Polynomial
Products
Purchases
Ripley-Set
Sonar
Titanic
Titanic Training
Titanic Unlabeled
Transactions
Weighting

processes

Templates

Time Series

Tutorials

Community Samples (connected)

Local Repository (Local)

Connections

data

house_data (4/14/24 10:15 AM - 3.3 MB)
iris (6/9/24 9:25 AM - 7 kB)

processes

corr_iris (6/9/24 9:20 AM - 2 kB)
Correlation_matrix (4/14/24 10:34 AM - 1 kB)
iris_cluster (6/9/24 9:39 AM - 6 kB)
rf_iris (6/9/24 9:55 AM - 7 kB)
test1 (4/28/24 11:03 PM - 8 kB)
test3 (4/28/24 11:12 PM - 4 kB)

DB (Legacy)



Repository

Import Data

Ripley-Set

Sonar

Titanic

Titanic Training

Titanic Unlabeled

Transactions

Weighting

processes

Templates

Time Series

Tutorials

Community Samples (connected)

Local Repository (Local)

Connections

data

house_data (4/14/24 10:15 AM - 3.3 MB)

iris (6/9/24 9:25 AM - 7 kB)

processes

corr_iris (6/9/24 9:20 AM - 2 kB)

Correlation_matrix (4/14/24 10:34 AM - 1 kB)

iris_cluster (6/9/24 9:39 AM - 6 kB)

rf_iris (6/9/24 9:55 AM - 7 kB)

test1 (4/28/24 11:03 PM - 8 kB)

Operators

perfro

Blending (1)

Attributes (1)

Types (1)

Set Positive Value

Modeling (3)

Time Series (3)

Validation (3)

Forecast Validation

Multi Horizon Performance

Sliding Window Validation

Validation (20)

Performance (18)

Predictive (7)

Performance (Classification)

Performance (Binominal Classification)

Performance (Regression)

Performance (Costs)

Performance (Ranking)

Performance (Support Vector Count)

Performance (Attribute Count)

Segmentation (4)

Cluster Count Performance

No results were found.

Process

Process

inp

Read CSV

Set Role

Normalize

Clustering

Performance

res

res

res

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Data Editor

Row No.

sepal_length (real) regular

sepal_width (real) regular

petal_length (real) regular

petal_width (real) regular

species (text) label

1

5.100

3.500

1.400

0.200

Iris-setosa

2

4.900

3

1.400

0.200

Iris-setosa

3

4.700

3.200

1.300

0.200

Iris-setosa

4

4.600

3.100

1.500

0.200

Iris-setosa

Repository Location: //Local Repository/data/iris

Parameters

Process

logverbosity

init

logfile

resultfile

random seed

2001

send mail

never

encoding

SYSTEM

Hide advanced parameters

Change compatibility (10.3.001)

Help

Process

RapidMiner Studio Core

Synopsis

The root operator which is the outer most operator of every process.

Description

Each process must contain exactly one operator of this class, and it must be the root operator of the process. This operator provides a set of parameters that are of global relevance to the process like logging and initialization parameters of the random number generator.

Parameters

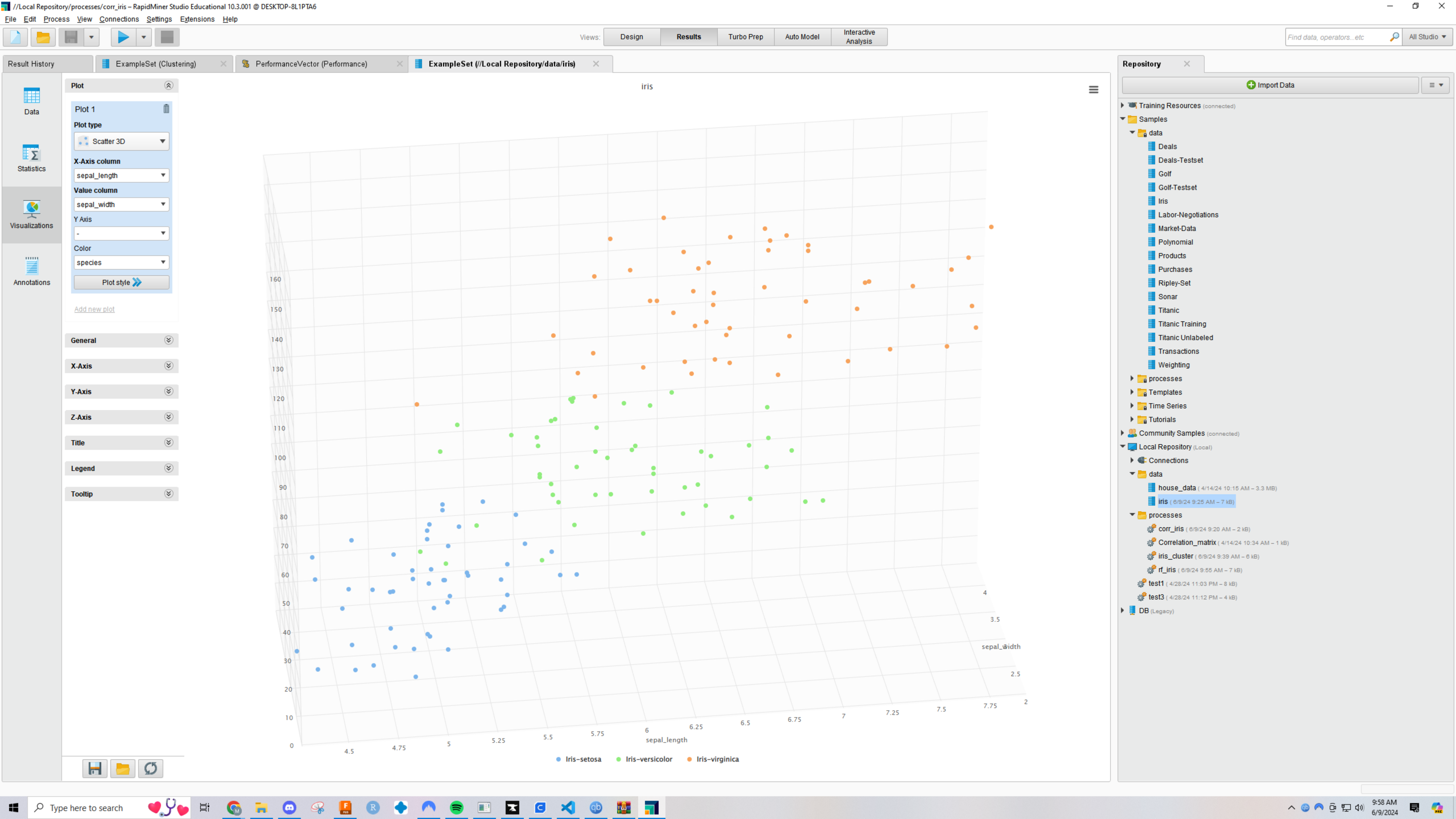
logverbosity (optional)

Log verbosity level.

Type: selection

Range: all, io, status, init, notes, warning, error, fatal, almost_none, off

Default: init




☒ Table View ☐ Plot View

accuracy: 98.10%

	true Iris-setosa	true Iris-versicolor	true Iris-virginica	class precision
pred. Iris-setosa	35	0	0	100.00%
pred. Iris-versicolor	0	34	1	97.14%
pred. Iris-virginica	0	1	34	97.14%
class recall	100.00%	97.14%	97.14%	














Repository

 Import Data

▶ **Training Resources** (connected)

▼ Samples

data

- Deals
- Deals-Testset
- Golf
- Golf-Testset
- Iris
- Labor-Negotiations
- Market-Data
- Polynomial
- Products
- Purchases
- Ripley-Set
- Sonar
- Titanic
- Titanic Training
- Titanic Unlabeled
- Transactions
- Weighting
- ▶ processes
- ▶ Templates
- ▶ Time Series
- ▶ Tutorials
- ▶  Community Samples (connected)
- ▼  Local Repository (Local)
 - ▶  Connections
 - ▼  data
 -  house_data (4/14/24 9:15 AM ~ 3.3 MB)
 -  iris (6/9/24 9:25 AM ~ 7 kB)
 - ▼  processes
 -  corr_iris (6/9/24 9:20 AM ~ 2 kB)
 -  Correlation_matrix (4/14/24 10:34 AM ~ 1 kB)
 -  iris_cluster (6/9/24 9:39 AM ~ 6 kB)
 -  test1 (4/28/24 11:03 PM ~ 8 kB)
 -  test3 (4/28/24 11:12 PM ~ 4 kB)
- ▶  DB (Legacy)

FileEditProcessViewConnectionsSettingsExtensionsHelp

Find data, operators...etc

All Studio

Repository

Import Data

Ripley-Set

Sonar

Titanic

Titanic Training

Titanic Unlabeled

Transactions

Weighting

processes

Templates

Time Series

Tutorials

Community Samples (connected)

Local Repository (Local)

Connections

data

house_data (4/14/24 10:15 AM - 3.3 MB)

iris (6/9/24 9:25 AM - 7 kB)

processes

corr_iris (6/9/24 9:20 AM - 2 kB)

Correlation_matrix (4/14/24 10:34 AM - 1 kB)

iris_cluster (6/9/24 9:39 AM - 6 kB)

test1 (4/28/24 11:03 PM - 8 kB)

test3 (4/28/24 11:12 PM - 4 kB)

Operators

perfro

Blending (1)

Attributes (1)

Types (1)

Set Positive Value

Modeling (3)

Time Series (3)

Validation (3)

Forecast Validation

Multi Horizon Performance

Sliding Window Validation

Validation (20)

Performance (18)

Predictive (7)

Performance (Classification)

Performance (Binominal Classification)

Performance (Regression)

Performance (Costs)

Performance (Ranking)

Performance (Support Vector Count)

Performance (Attribute Count)

Segmentation (4)

Cluster Count Performance

No results were found.

Views:DesignResultsTurbo PrepAuto ModelInteractive Analysis

Process

Process

inp

Retrieve iris

Split Data

Random Forest

Multiply

Train

test

Performance train

Performance test

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Data Editor

Case sensitive

Row No.	sepal_length (real) regular	sepal_width (real) regular	petal_length (real) regular	petal_width (real) regular	species (text) label
1	5.100	3.500	1.400	0.200	Iris-setosa
2	4.900	3	1.400	0.200	Iris-setosa
3	4.700	3.200	1.300	0.200	Iris-setosa
4	4.600	3.100	1.500	0.200	Iris-setosa

Repository Location: //Local Repository/data/iris

Parameters

Process

logverbosityinit

logfile

resultfile

random seed2001

send mailnever

encodingSYSTEM

Hide advanced parameters

Change compatibility (10.3.001)

Help

Process

RapidMiner Studio Core

Synopsis

The root operator which is the outer most operator of every process.

Description

Each process must contain exactly one operator of this class, and it must be the root operator of the process. This operator provides a set of parameters that are of global relevance to the process like logging and initialization parameters of the random number generator.

Parameters

logverbosity (optional)

Log verbosity level.

Type: selection

Range: all, io, status, init, notes, warning, error, fatal, almost_none, off

Default: init

Type here to search

9:53 AM 6/9/2024