

RapidMiner Studio Free 9.3.001 @ LABSI-05-PC

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- Import Data
- Samples
- DB (Legacy)
- Local Repository (LABSI-05)
 - Connections (LABSI-05)
 - data (LABSI-05)
 - processes (LABSI-05)
 - Data_NilaiUjian (LABSI-05)

Operators

svd

- Cleansing (1)
- Dimensionality Reduction
 - Singular Value Decomposition

Process

Process

100%

Retrieve Data (NilaiUjian) → k-Means → SVD

Parameters

Process

logverbosity: init

logfile:

[Show advanced parameters](#)

[Change compatibility \(9.3.001\)](#)

Help

Process

RapidMiner Studio Core

Synopsis

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

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

Activate Wisdom of Crowds

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 - Data_NilaiUjian (LABSI-05 - v1, 11/13/19 7:58)

Result History

ExampleSet (/Local Repository/Data_NilaiUjian)

Cluster 0: 5 items
Cluster 1: 2 items
Cluster 2: 3 items
Total number of items: 10

ExampleSet (k-Means)

Result not stored in repository.

Data Table

Source: /Local Repository/Data_NilaiUjian

Number of examples = 10

4 attributes:

Role	Name	Type	Range	Missings	Comment
-	B.IND	real	= [?.?]; mean = ?	no missing values	-
-	B.ING	real	= [?.?]; mean = ?	no missing values	-
-	id	NAMA	polynomial = {AGUS, DYAH, EKO, IKA, JOKO, MAHMUD, SUSI, WATI, WAWAN, ...}	no missing values	-

SVD Model (SVD)

Result not stored in repository.

Scatter plot showing the relationship between the first two principal components (PC1 and PC2).

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ExampleSet (/Local Repository/Data_NilaiUjian) ExampleSet (/Local Repository/Data_NilaiUjian)

Result History SVD (SVD) ExampleSet (k-Means) ExampleSet (SVD) Cluster Model (k-Means)

Eigenvalues

Svd vectors

Cumulative Variance

Annotations

Component	Singular Value	Proportion of Singular Values	Cumulative Singular Values	Cumulative Proportion of S...
SVD 1	34.340	0.898	34.340	0.898
SVD 2	3.906	0.102	38.246	1.000

Repository

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Eigenvalues

Svd vectors

Cumulative Variance

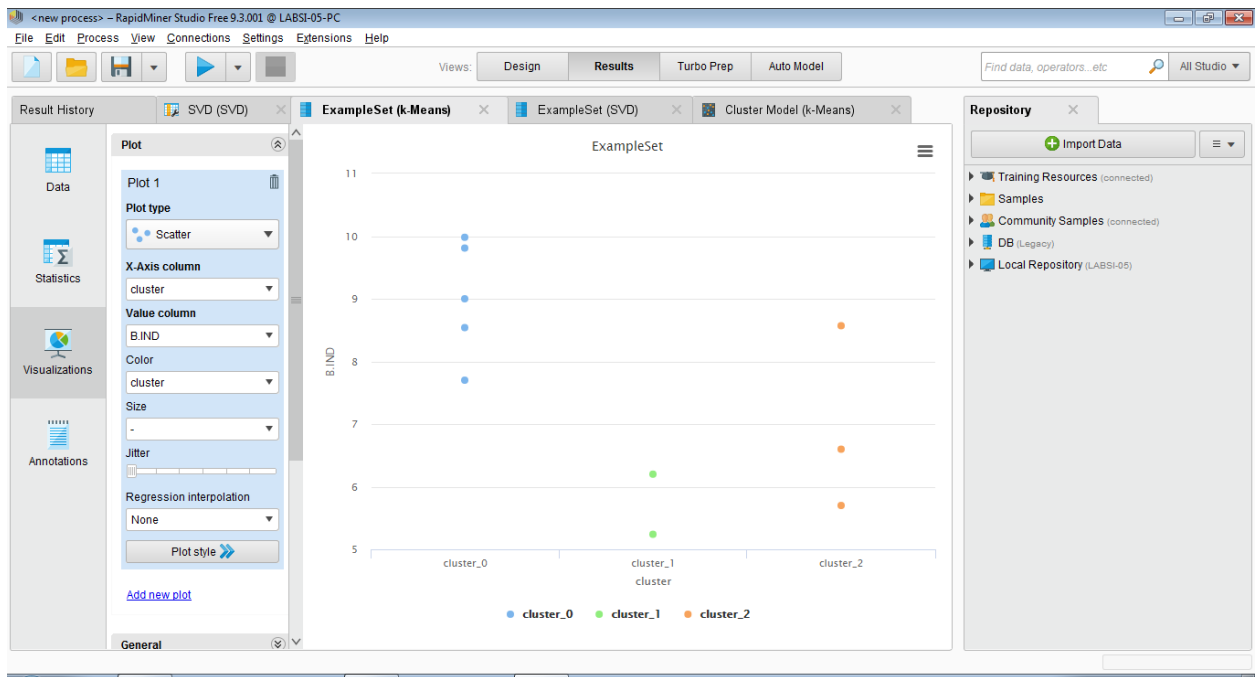
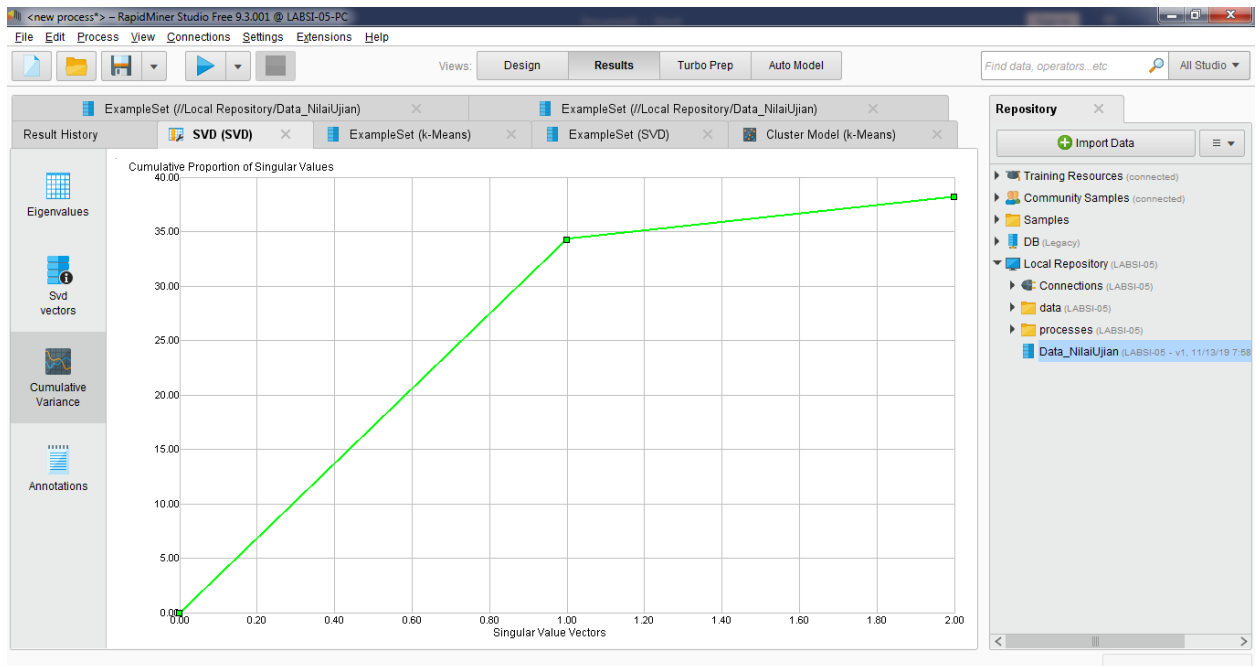
Annotations

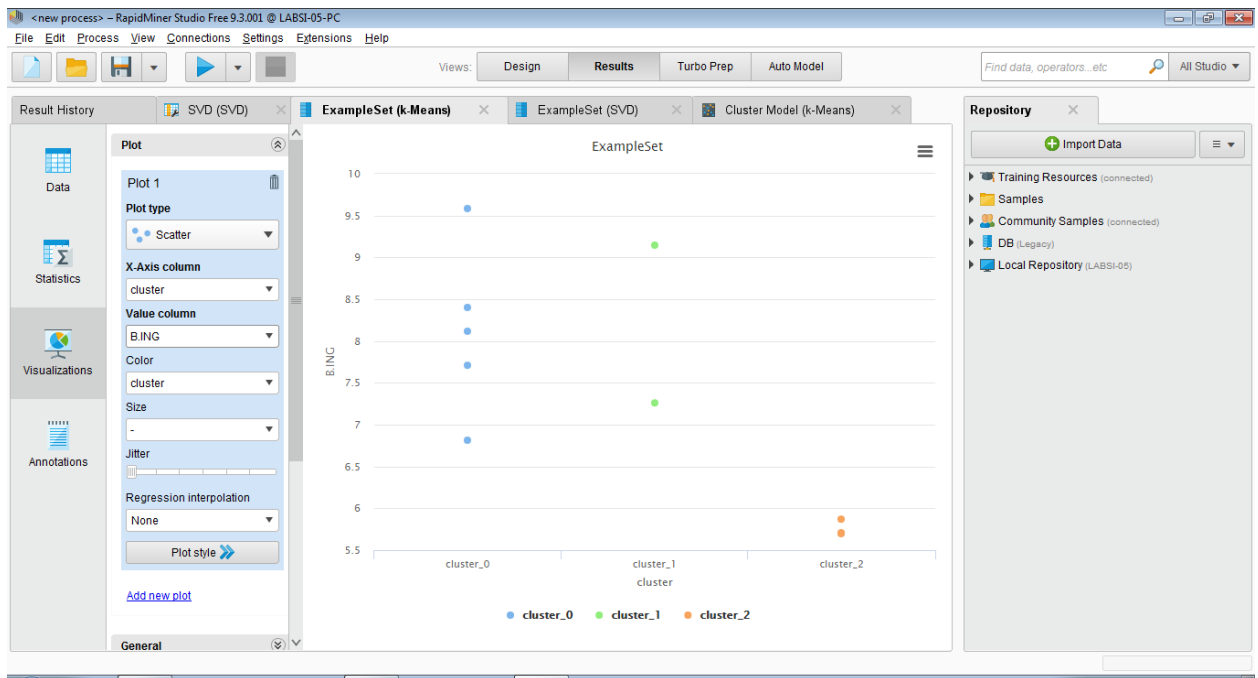
Attribute	SVD Vector 1
B.IND	0.723
B.ING	0.690

Repository

Import Data

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Views: Design Results Turbo Prep Auto Model

Find data, operators...etc All Studio

Result History SVD (SVD) ExampleSet (k-Means) ExampleSet (SVD) Cluster Model (k-Means)

Open in Turbo Prep Auto Model

Filter (10 / 10 examples): all

Row No.	NAMA	cluster ↑	svd_1
1	JOKO	cluster_0	0.349
2	AGUS	cluster_0	0.347
7	EKO	cluster_0	0.317
9	WAWAN	cluster_0	0.353
10	MAHMUD	cluster_0	0.399
3	SUSI	cluster_1	0.315
4	DYAH	cluster_1	0.256
5	WATI	cluster_2	0.235
6	IKA	cluster_2	0.299
8	YANTO	cluster_2	0.254

ExampleSet (10 examples, 2 special attributes, 1 regular attribute)

Repository

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Views: Design Results Turbo Prep Auto Model

Find data, operators...etc All Studio

Result History SVD (SVD) ExampleSet (k-Means) ExampleSet (SVD) Cluster Model (k-Means)

Cluster Model

Description

Cluster 0: 5 items
Cluster 1: 2 items
Cluster 2: 3 items
Total number of items: 10

Folder View

Graph

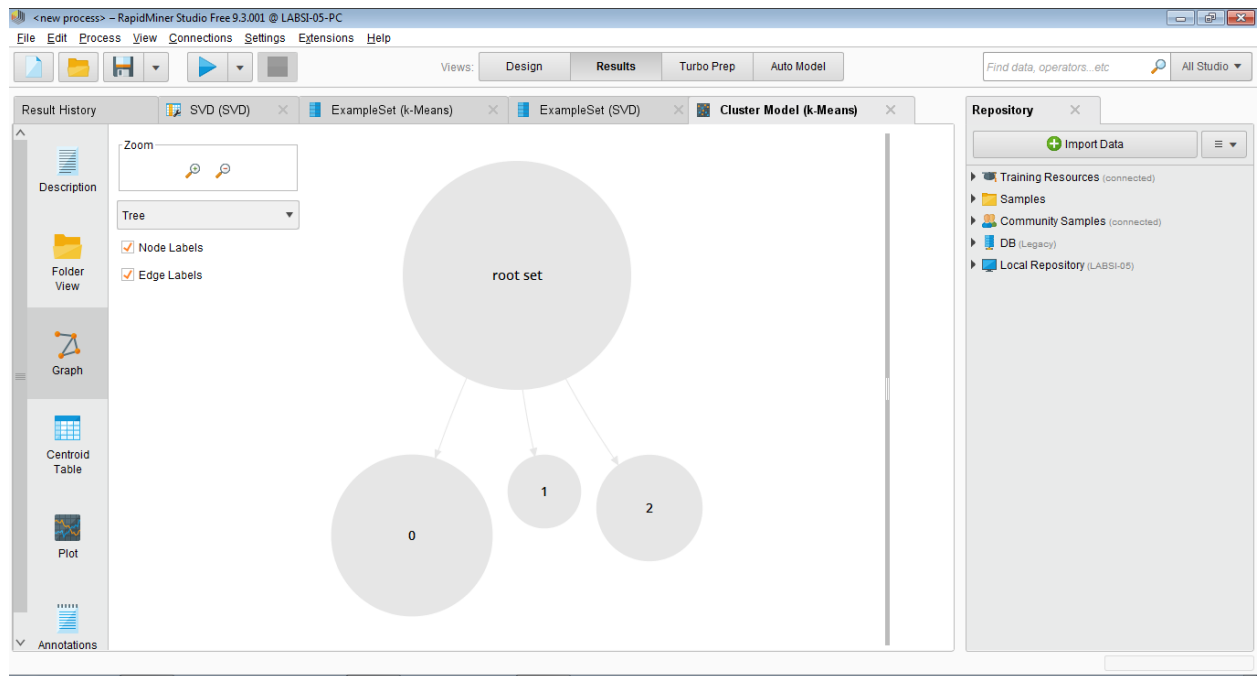
Centroid Table

Plot

Annotations

Repository

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Tugas

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Repository

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 - Data_NilaiUjianTugas (LABSI-05)

Operators

Search for Operators

- Data Access (53)
- Blending (79)
- Cleansing (26)
- Modeling (156)
- Scoring (12)
- Validation (29)
- Utility (86)

[Get more operators from the Marketplace](#)

Process

Process

100%

Retrieve Data_NilaiUjian... k-Means SVD

Parameters

Process

logverbosity: Init

logfile:

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[Change compatibility \(9.3.001\)](#)

Help

Process

RapidMiner Studio Core

Synopsis

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

Process Design

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

[Activate Wisdom of Crowds](#)

Cluster Model (k-Means)

ExampleSet (/Local Repository/Data_NilaiUjianTugas)

Result History

SVD (SVD)

ExampleSet (k-Means)

ExampleSet (SVD)

Eigenvalues

Svd vectors

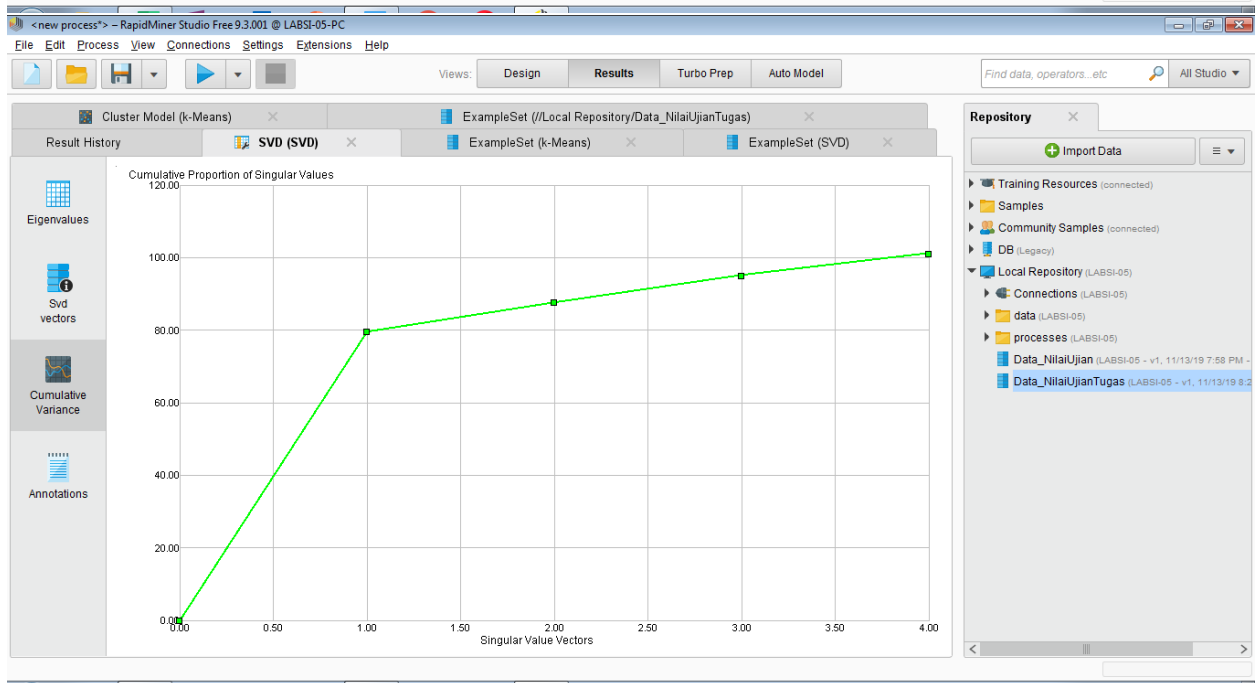
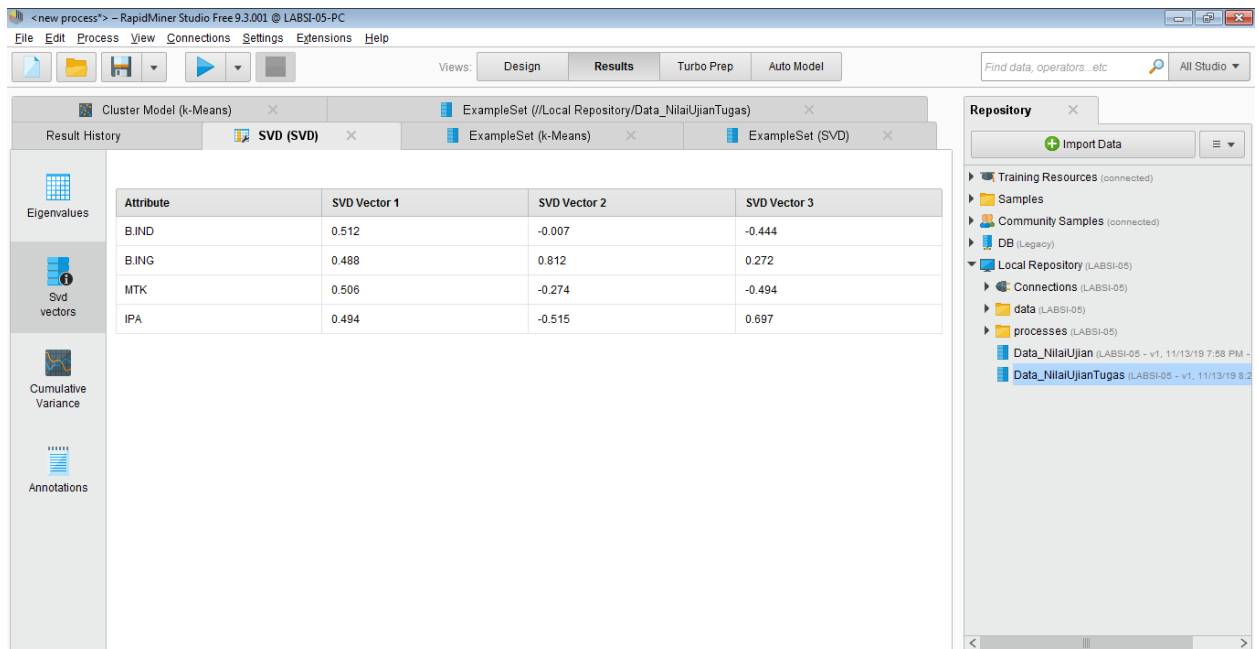
Cumulative Variance

Annotations

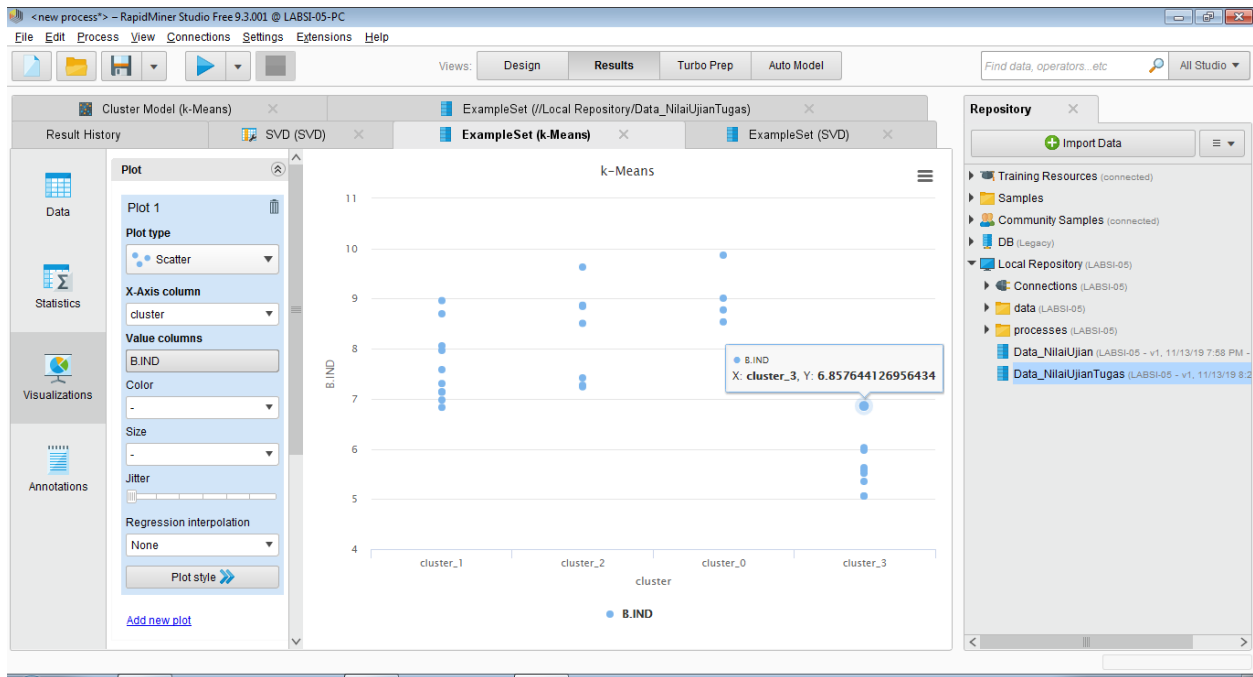
Component	Singular Value	Proportion of Singular Value	Cumulative Singular Values	Cumulative Proportion of S...
SVD 1	79.650	0.786	79.650	0.786
SVD 2	8.055	0.080	87.705	0.866
SVD 3	7.421	0.073	95.126	0.939
SVD 4	6.148	0.061	101.275	1.000

Repository

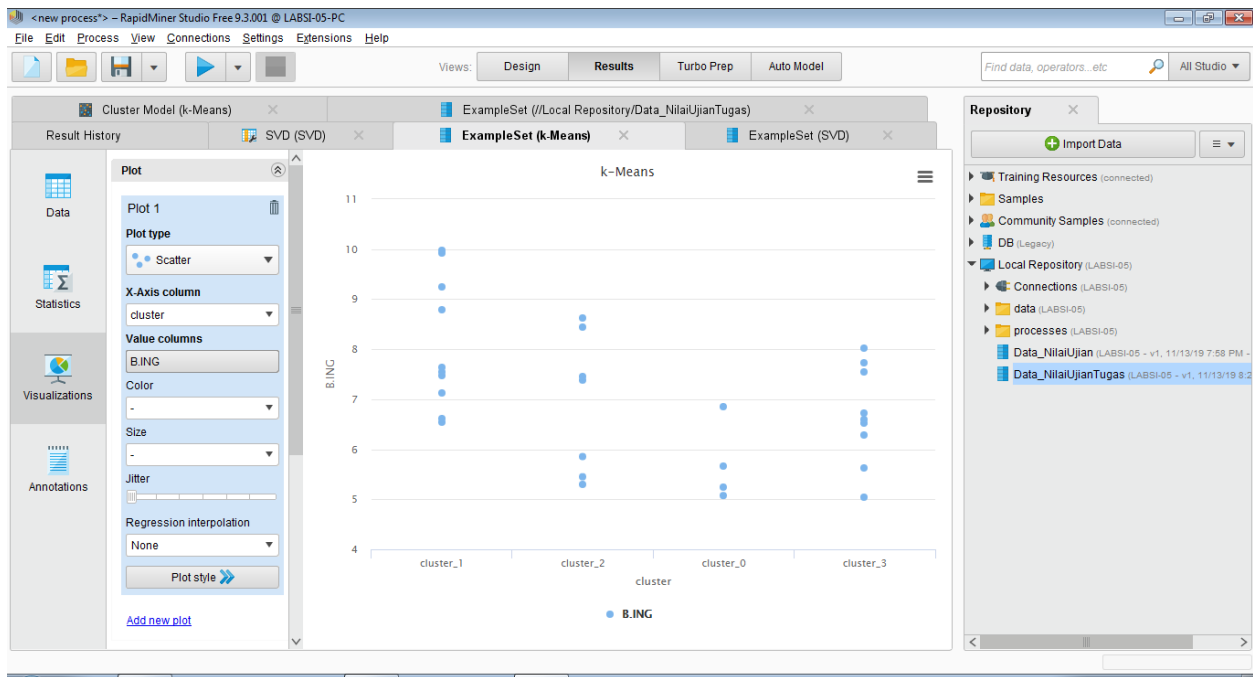
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 - Data_NilaiUjianTugas (LABSI-05 - v1, 11/13/19 8:2 ...)



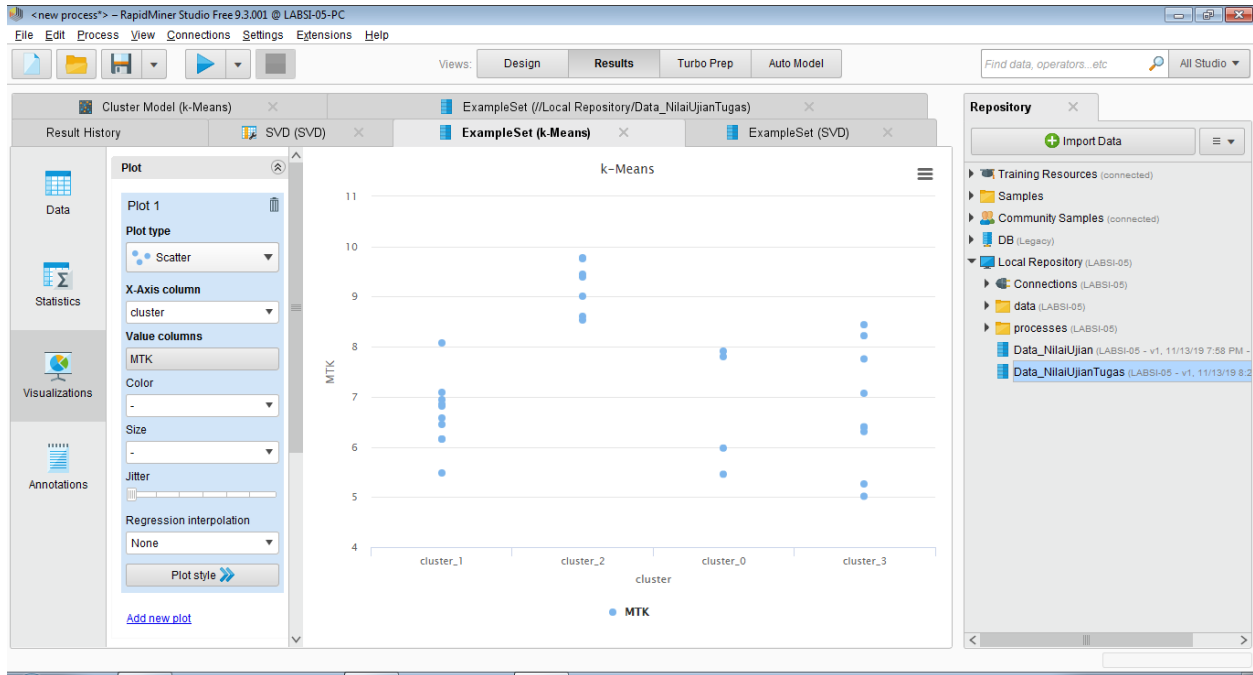
b.indo



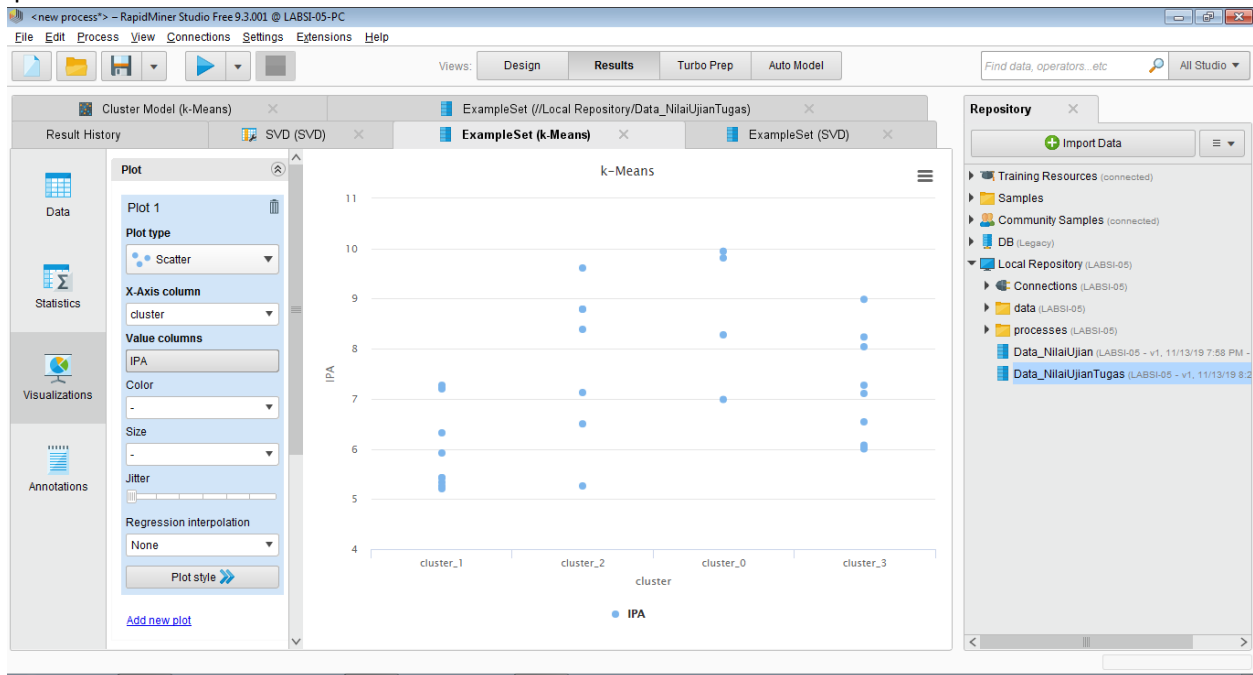
b.ing



mtk



ipa



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Find data, operators...etc All Studio

Cluster Model (k-Means) ExampleSet (/Local Repository/Data_NilaiUjianTugas)

Result History SVD (SVD) ExampleSet (k-Means) ExampleSet (SVD)

Open in Turbo Prep Auto Model

Filter (30 / 30 examples): all

Row No.	NAMA	cluster ↑	svd_1
4	DYAH	cluster_0	0.209
6	IKA	cluster_0	0.171
16	BAYU	cluster_0	0.186
23	SARAH	cluster_0	0.196
1	JOKO	cluster_1	0.174
3	SUSI	cluster_1	0.200
5	WATI	cluster_1	0.170
8	YANTO	cluster_1	0.184
12	SANTI	cluster_1	0.194
17	RISA	cluster_1	0.171
22	JONO	cluster_1	0.167
24	RAMA	cluster_1	0.189
25	BAMBANG	cluster_1	0.176
26	HADI	cluster_1	0.162

ExampleSet (30 examples, 2 special attributes, 1 regular attribute)

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Find data, operators...etc All Studio

Cluster Model (k-Means) ExampleSet (/Local Repository/Data_NilaiUjianTugas)

Result History SVD (SVD) ExampleSet (k-Means) ExampleSet (SVD)

Open in Turbo Prep Auto Model

Filter (30 / 30 examples): all

Row No.	NAMA	cluster ↑	svd_1
9	WAWAN	cluster_2	0.206
10	MAHMUD	cluster_2	0.225
19	YANI	cluster_2	0.193
20	RATIH	cluster_2	0.178
27	NANA	cluster_2	0.183
11	BUDI	cluster_3	0.176
13	DIAN	cluster_3	0.158
14	DANI	cluster_3	0.165
15	AHMAD	cluster_3	0.178
18	RANI	cluster_3	0.154
21	INDAH	cluster_3	0.170
28	FEBRI	cluster_3	0.166
29	DENI	cluster_3	0.165
30	TONI	cluster_3	0.149

ExampleSet (30 examples, 2 special attributes, 1 regular attribute)

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Find data, operators...etc All Studio

Result History

SVD (SVD) ExampleSet (k-Means) ExampleSet (SVD)

Cluster Model (k-Means) ExampleSet (/Local Repository/Data_NilaiUjianTugas)

Cluster Model

Description

Cluster 0: 4 items
Cluster 1: 10 items
Cluster 2: 7 items
Cluster 3: 9 items
Total number of items: 30

Folder View

Graph

Centroid Table

Plot

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Result History

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Cluster Model (k-Means) ExampleSet (/Local Repository/Data_NilaiUjianTugas)

Zoom

Tree

☒ Node Labels

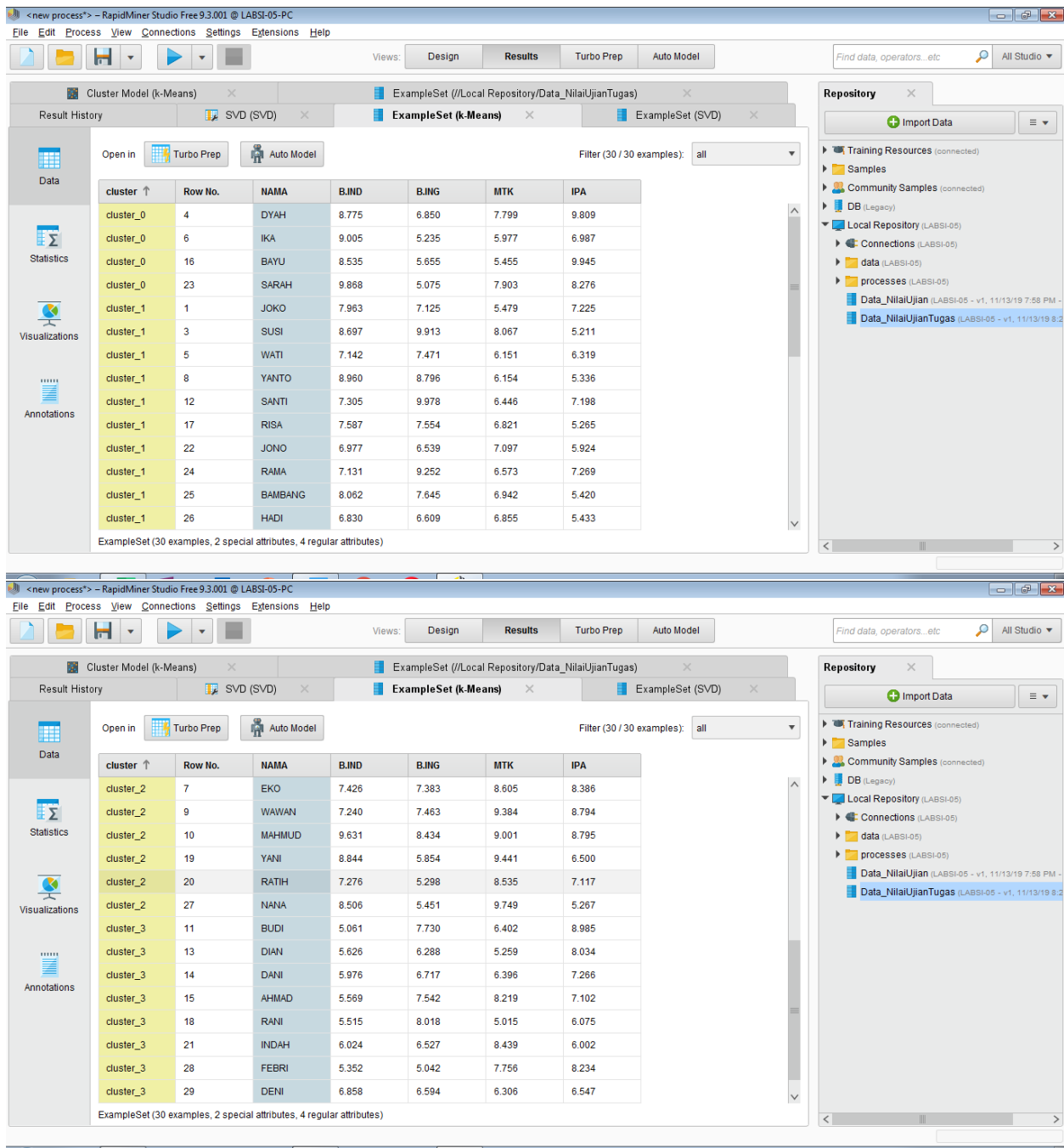
☒ Edge Labels

0 1 2 3

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1. Yang diajukan untuk lomba olimpiade bidang B.Indonesia adalah Cluster_0
2. Yang diajukan untuk lomba olimpiade bidang B.Ingggris adalah Cluster_1
3. Yang diajukan untuk lomba olimpiade bidang Matematika adalah Cluster_2
4. Yang diajukan untuk lomba olimpiade bidang Ilmu Pengetahuan Alam adalah Cluster_0