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MODUL 10

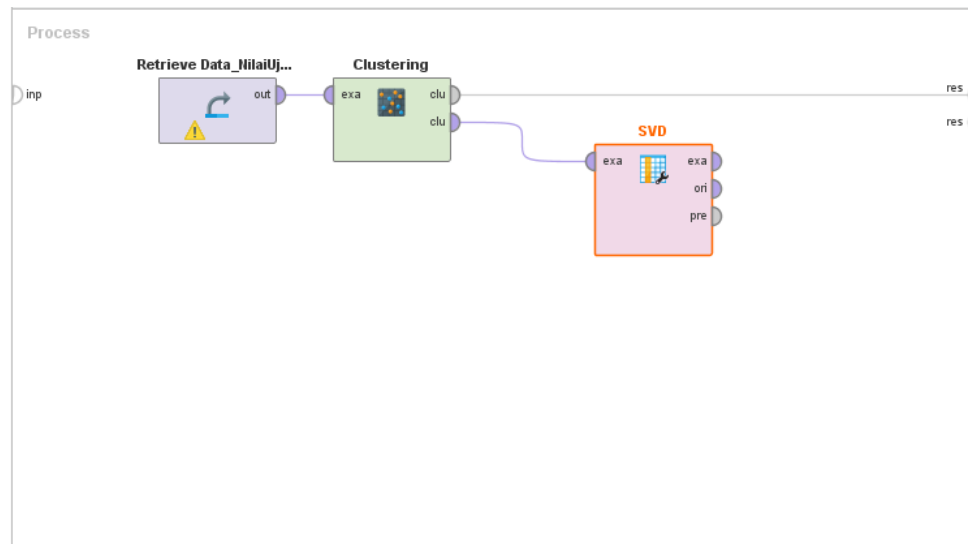
LAPORAN PRAKTIKUM DATA MINING DATA WEREHOUDING

MODUL 10

1. Buat table 'Table_NilaiUjian.xls'

E3					
	A	B	C	D	E
1	NO_SISWA	NAMA	B.IND	B.ING	
2	S-101	JOKO	8.54	8.40	
3	S-102	AGUS	9.98	6.81	
4	S-103	SUSI	6.20	9.15	
5	S-104	DYAH	5.24	7.26	
6	S-105	WATI	5.70	5.71	
7	S-106	IKA	8.57	5.87	
8	S-107	EKO	7.70	7.71	
9	S-108	YANTO	6.60	5.70	
10	S-109	WAWAN	9.00	8.12	
11	S-110	MAHMUD	9.81	9.58	
12					
13					

2. Insert file ke dalam rapidMiner , gunakan kolom nama, B.ING, B.IND kemudian beri label 'id' di kolom nama. Kemudian masukkan operator K-Means dan SVD



Cluster Model (k-Means)

ExampleSet (/Local Repository/Data_NilaiUjian)

Result History

SVD (SVD)

ExampleSet (k-Means)

ExampleSet (SVD)

Eigenvalues

Svd vectors

Cumulative Variance

Component	Singular Value	Proportion of Singular V...	Cumulative Singular Val...	Cumulative Proportion o...
SVD 1	34.340	0.898	34.340	0.898
SVD 2	3.906	0.102	38.246	1.000

Cluster Model (k-Means)

ExampleSet (/Local Repository/Data_NilaiUjian)

Result History

SVD (SVD)

ExampleSet (k-Means)

ExampleSet (SVD)

Data

Statistics

Visualizations

Annotations

Open in

Turbo Prep

Auto Model

Filter (10 / 10 examples): all

Row No.	NAMA	cluster	B.IND	B.JNG
1	JOKO	cluster_0	8.540	8.400
2	AGUS	cluster_0	9.980	6.810
3	SUSI	cluster_1	6.200	9.150
4	DYAH	cluster_1	5.240	7.260
5	WATI	cluster_2	5.700	5.710
6	IKA	cluster_2	8.570	5.870
7	EKO	cluster_0	7.700	7.710
8	YANTO	cluster_2	6.600	5.700
9	WAWAN	cluster_0	9	8.120
10	MAHMUD	cluster_0	9.810	9.580

Cluster Model (k-Means)

ExampleSet (/Local Repository/Data_NilaiUjian)

Result History

SVD (SVD)

ExampleSet (k-Means)

ExampleSet (SVD)

Data

Statistics

Visualizations

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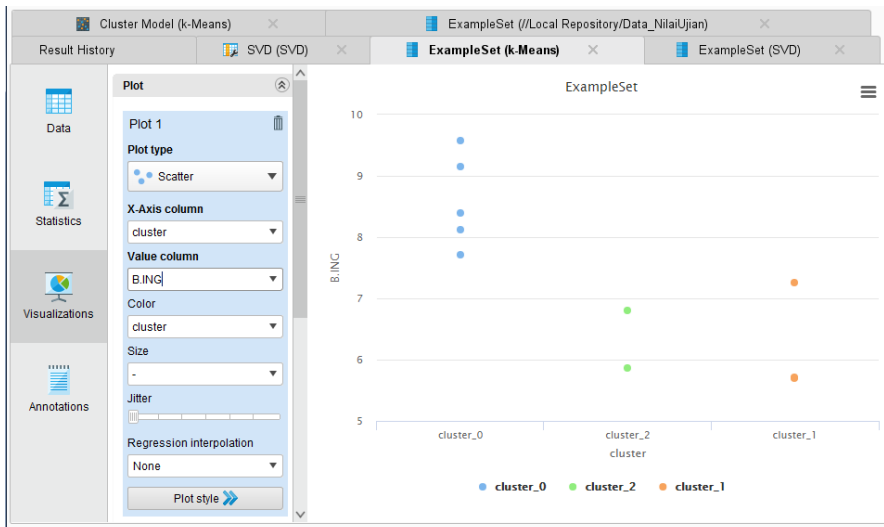
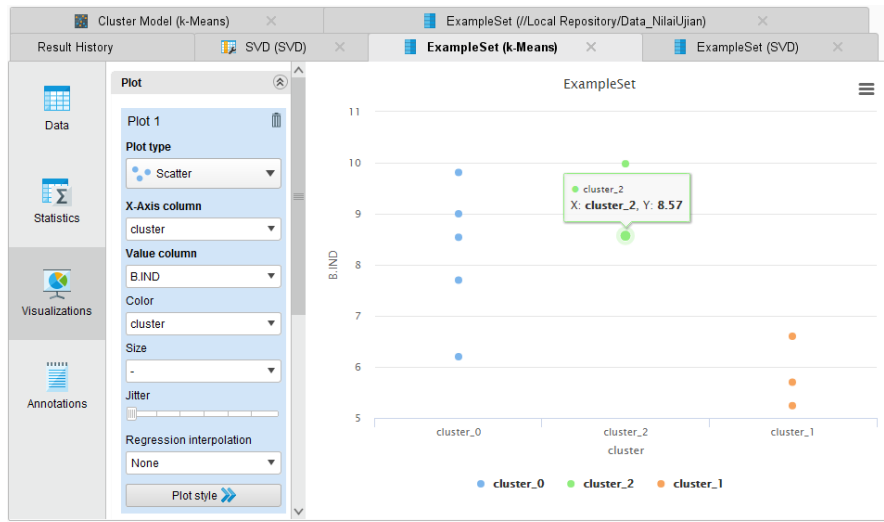
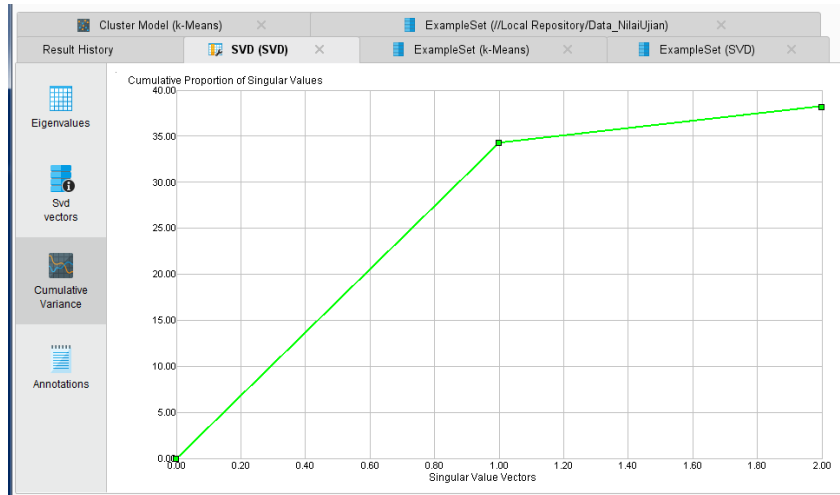
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Turbo Prep

Auto Model

Filter (10 / 10 examples): all

Row No.	NAMA	cluster	svd_1
1	JOKO	cluster_4	0.349
2	AGUS	cluster_0	0.347
3	SUSI	cluster_2	0.315
4	DYAH	cluster_1	0.256
5	WATI	cluster_1	0.235
6	IKA	cluster_0	0.299
7	EKO	cluster_4	0.317
8	YANTO	cluster_1	0.254
9	WAWAN	cluster_4	0.353
10	MAHMUD	cluster_3	0.399



Result History

SVD (SVD)

Cluster Model (k-Means)

Cluster Model

Description

Folder View

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

Result History

SVD (SVD)

ExampleSet (k-Means)

ExampleSet (SVD)

Cluster Model (k-Means)

ExampleSet (/Local Repository/Data_NilaiUjian)

Description

Folder View

Graph

Centroid Table

Plot

Zoom

Tree

☒ Node Labels
☒ Edge Labels

```
graph TD; root((root set)) --> 0((0)); root --> 1((1)); root --> 2((2));
```