

Zulfikar Bayu Budiman
L200170052
Kelas C

Percobaan

Import Data - Select the cells to import.

Select the cells to import.

Sheet: Sheet1 Cell range: A:D Select All Define header row: 1

	A	B	C	D
1	NO_SISWA	NAMA	B.IND	B.ING
2	S-101	JOKO	8.54	8.4
3	S-102	AGUS	9.98	6.81
4	S-103	SUSI	6.2	9.15
5	S-104	DYAH	5.24	7.26
6	S-105	WATI	5.7	5.71
7	S-106	IKA	8.57	5.87
8	S-107	EKO	7.7	7.71
9	S-108	YANTO	6.6	5.7
10	S-109	WAWAN	9.000	8.12
11	S-110	MAHMUD	9.81	9.58

Previous Next Cancel

Import Data - Format your columns.

Format your columns.

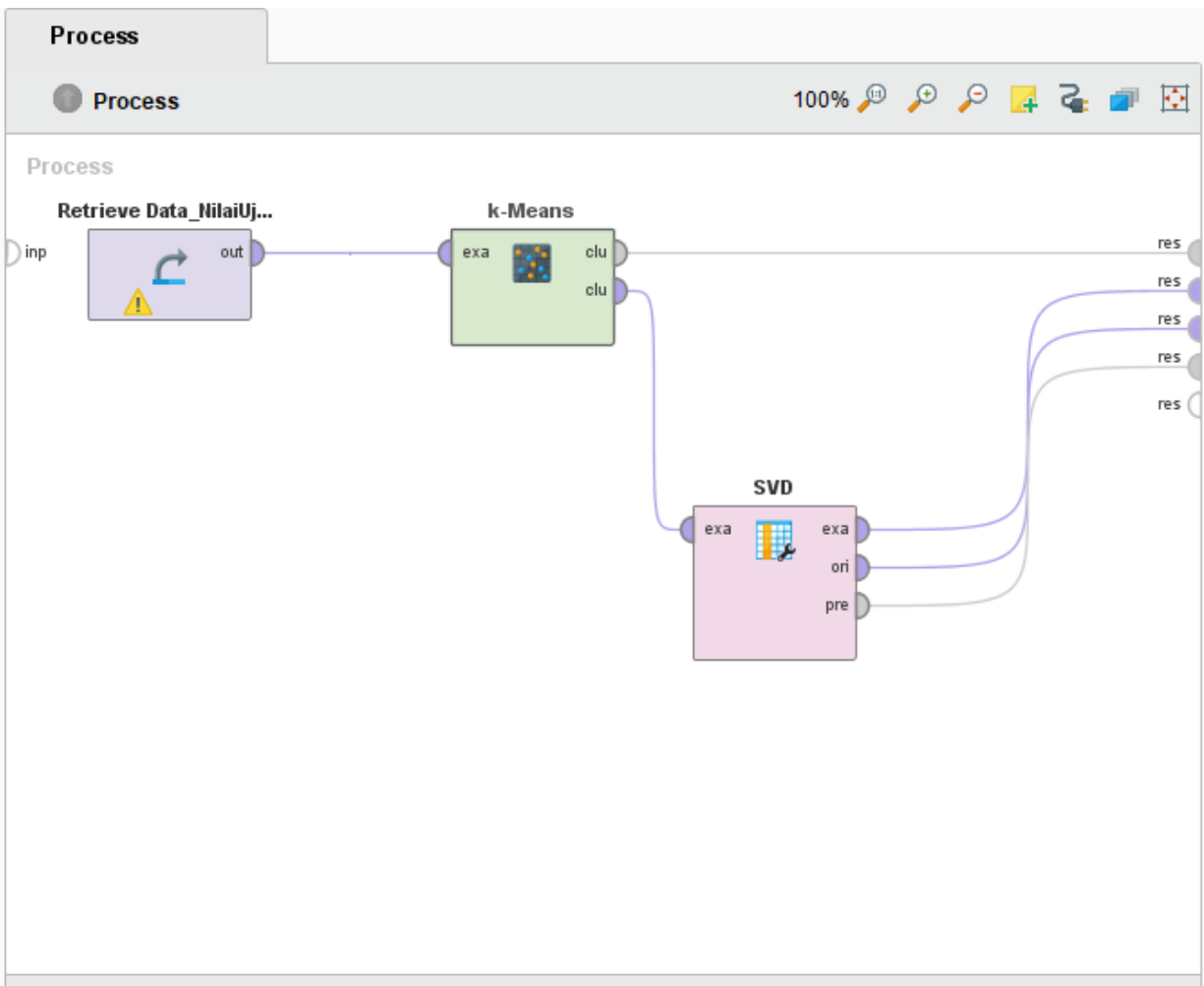
☐ Replace errors with missing values ⓘ

	NO_SISWA <i>polynomial id</i>	NAMA <i>polynomial id</i>	B.IND <i>real</i>	B.ING <i>real</i>
1	S-101	JOKO	8.540	8.400
2	S-102	AGUS	9.980	6.810
3	S-103	SUSI	6.200	9.150
4	S-104	DYAH	5.240	7.260
5	S-105	WATI	5.700	5.710
6	S-106	IKA	8.570	5.870
7	S-107	EKO	7.700	7.710
8	S-108	YANTO	6.600	5.700
9	S-109	WAWAN	9.000	8.120
10	S-110	MAHMUD	9.810	9.580

no problems.

Previous Next Cancel

Row No.	NAMA	NO_SISWA	B.IND	B.ING
1	JOKO	S-101	8.540	8.400
2	AGUS	S-102	9.980	6.810
3	SUSI	S-103	6.200	9.150
4	DYAH	S-104	5.240	7.260
5	WATI	S-105	5.700	5.710
6	IKA	S-106	8.570	5.870
7	EKO	S-107	7.700	7.710
8	YANTO	S-108	6.600	5.700
9	WAWAN	S-109	9	8.120
10	MAHMUD	S-110	9.810	9.580



eigenvalue

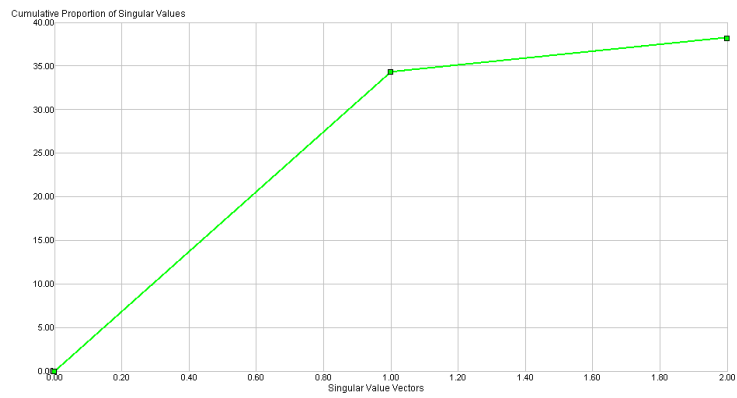
ory	SVD (SVD) ×	ExampleSet (k-Means) ×	ExampleSet (SVD) ×
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Component	Singular Value	Proportion of Singular Values	Cumulative Singular Values	Cumulative Proportion of Sin...
SVD 1	34.340	0.898	34.340	0.898
SVD 2	3.906	0.102	38.246	1.000

Nilai svd vectors

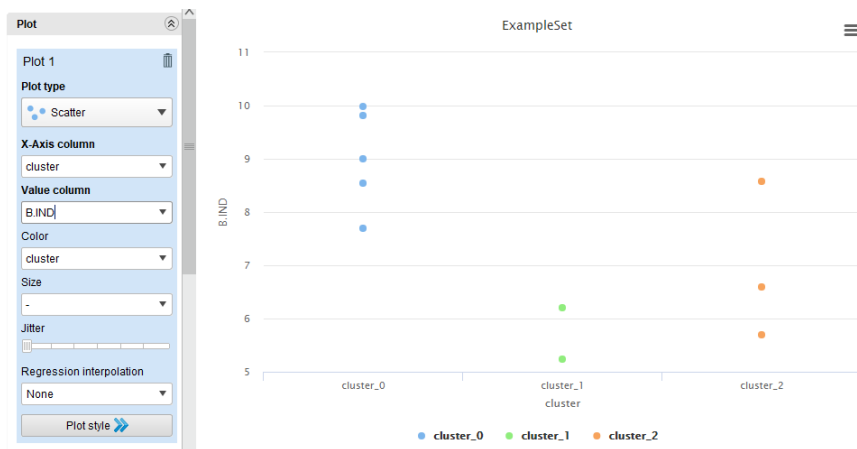
Attribute	SVD Vector 1
B.IND	0.723
B.ING	0.690

Cumulative variance

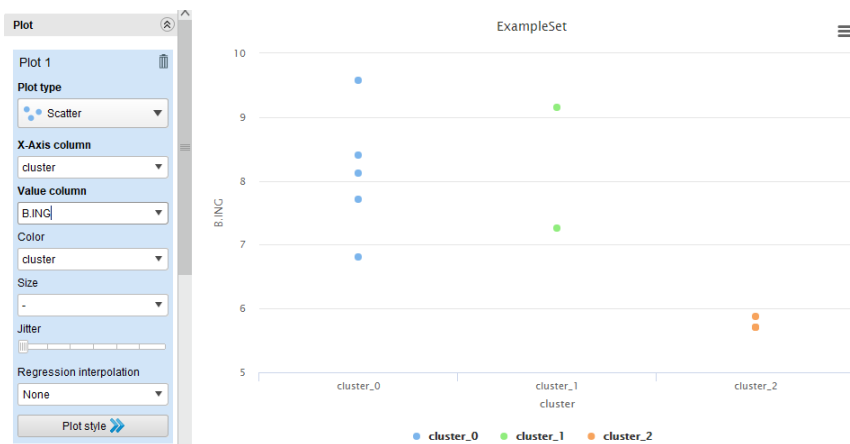


b) exampleset (k-means)

i. b.indonesia



ii. b.ing

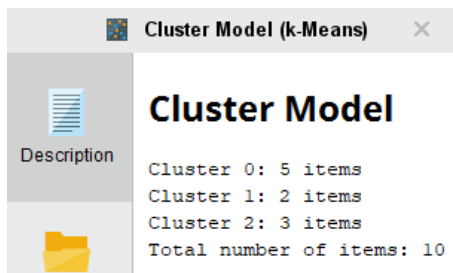


c) exampleset(svd)

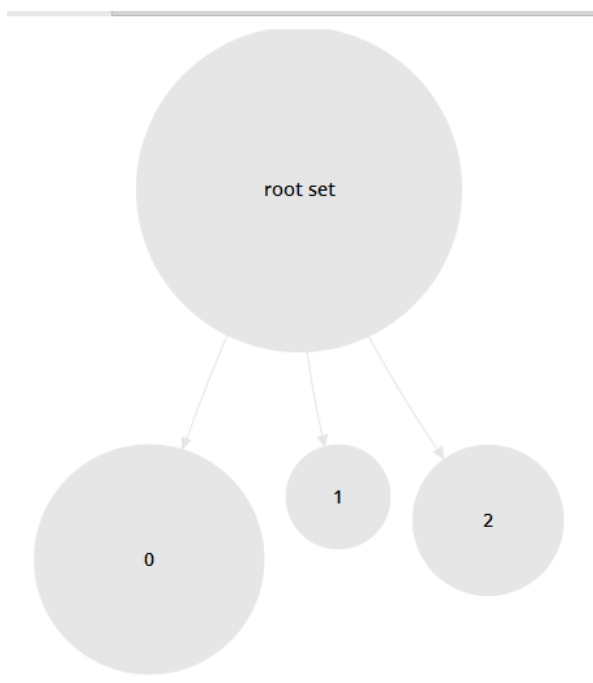
Row No.	NAMA	cluster ↑	B.IND	B.ING
1	JOKO	cluster_0	8.540	8.400
3	SUSI	cluster_0	6.200	9.150
7	EKO	cluster_0	7.700	7.710
9	WAWAN	cluster_0	9	8.120
10	MAHMUD	cluster_0	9.810	9.580
4	DYAH	cluster_1	5.240	7.260
5	WATI	cluster_1	5.700	5.710
8	YANTO	cluster_1	6.600	5.700
2	AGUS	cluster_2	9.980	6.810
6	IKA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

d) cluster model (clustering)

description



Graph



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