

Nama : Lail Nur Rachman

NIM : L200170137

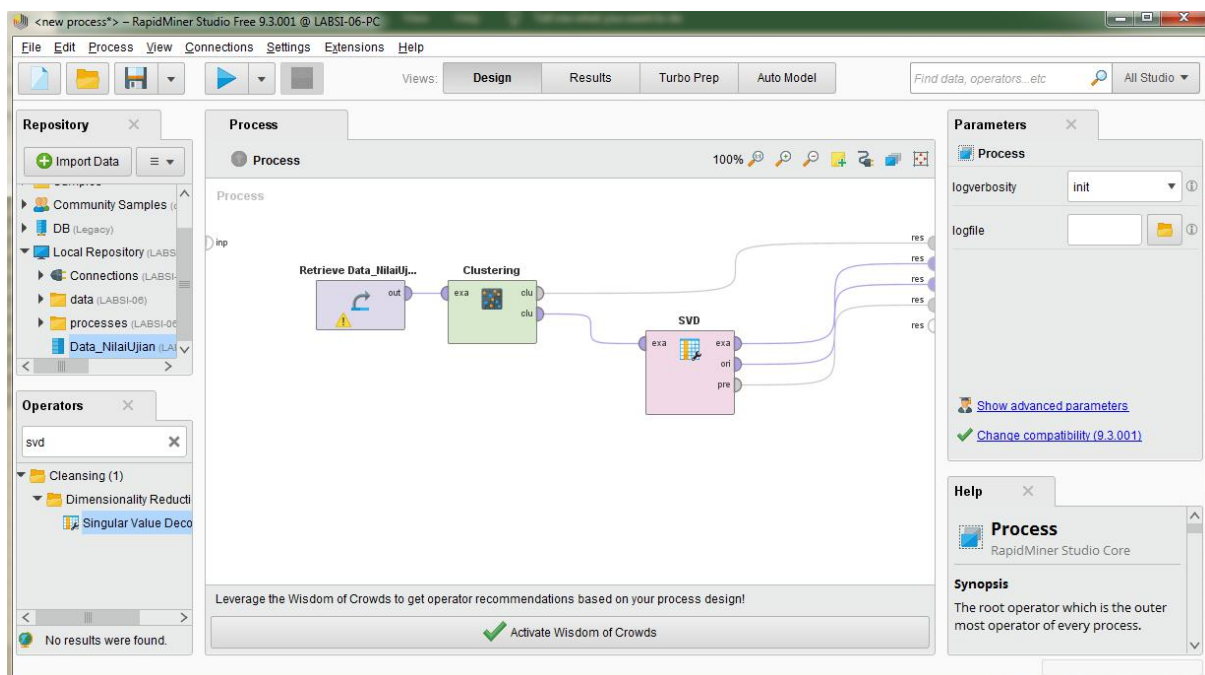
Kelas E

Langkah Praktikum Modul 10

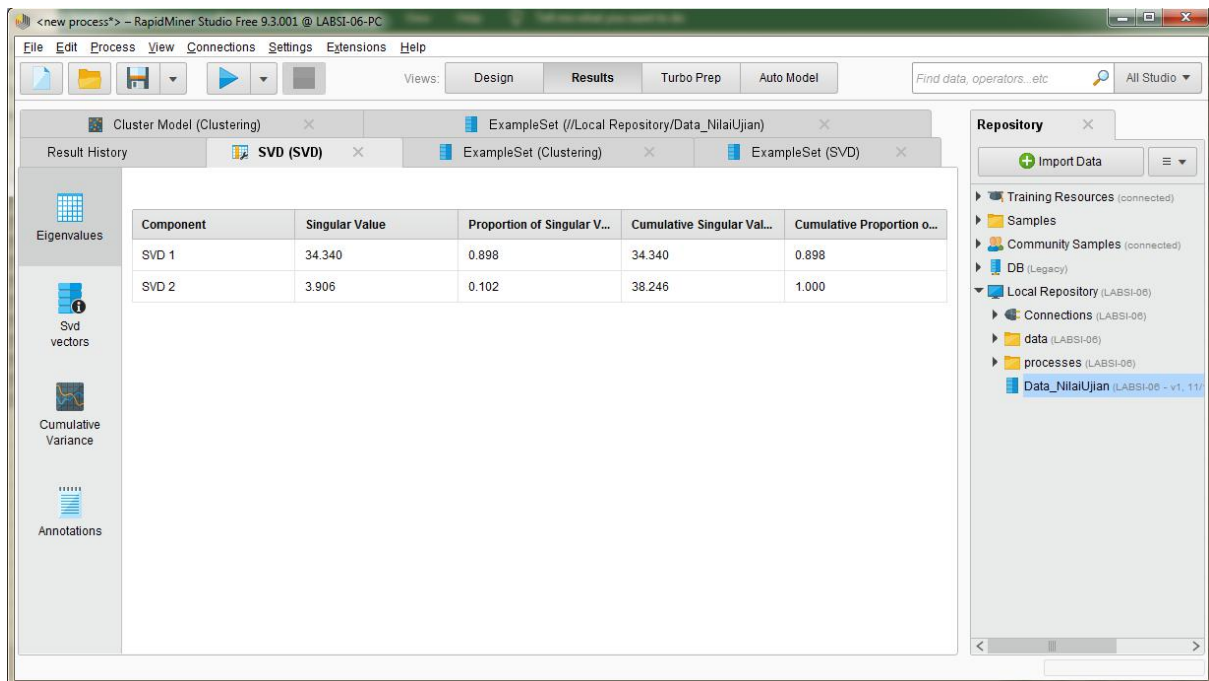
Clustering : K-Means

Tabel data nilai siswa

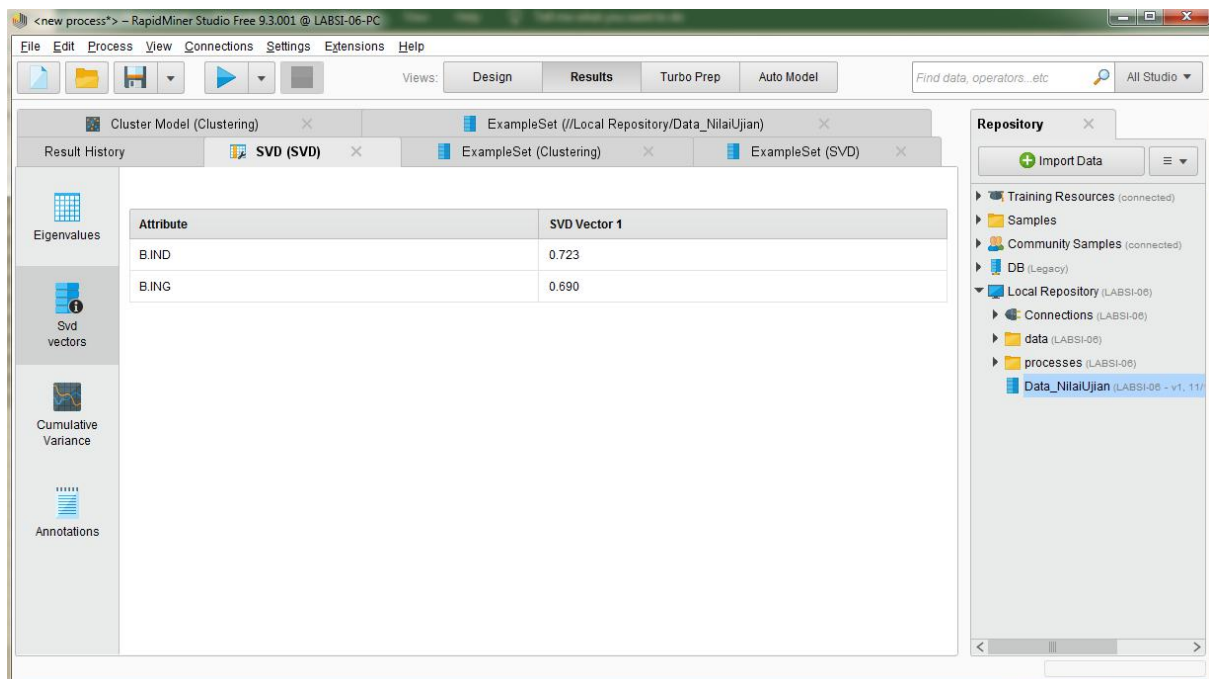
	A	B	C	D
1	NO_SISWA	NAMA	B.IND	B.ING
2	S-101	JOKO	8,54	8,40
3	S-102	AGUS	9,98	6,81
4	S-103	SUSI	6,20	9,15
5	S-104	DYAH	5,24	7,26
6	S-105	WATI	5,70	5,71
7	S-106	IKA	8,57	5,87
8	S-107	EKO	7,70	7,71
9	S-108	YANTO	6,60	5,70
10	S-109	WAWAN	9,00	8,12
11	S-110	MAHMUD	9,81	9,58
12				



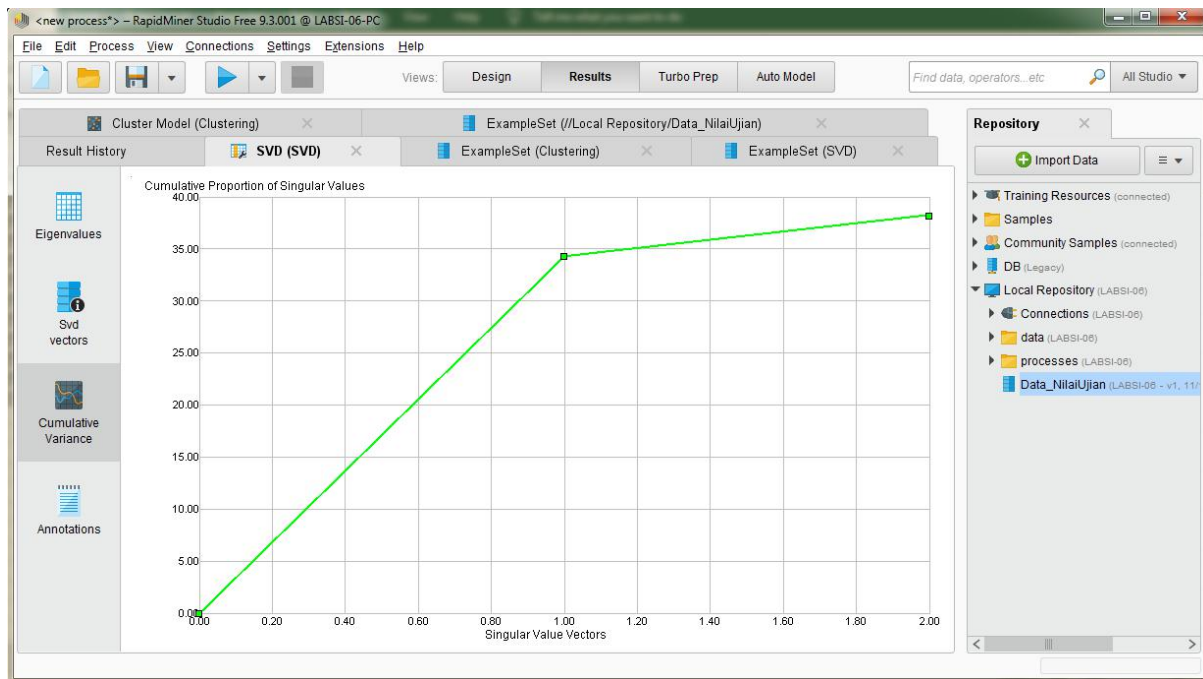
Nilai Eigenvalue



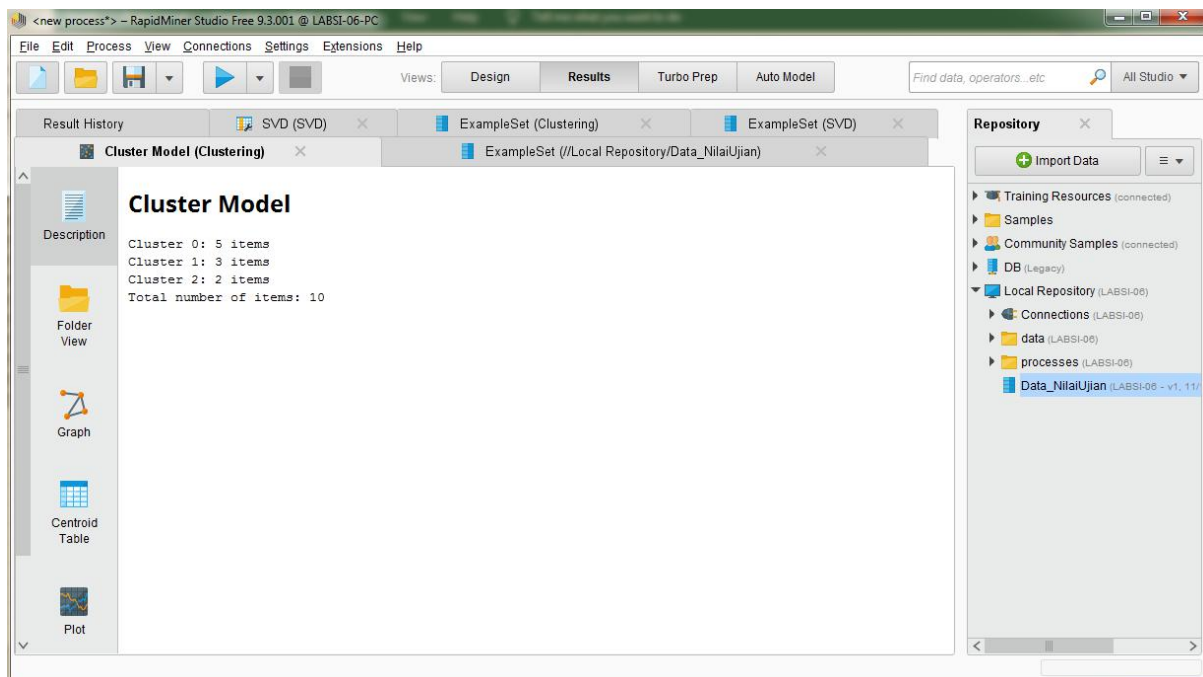
Nilai SVD Vectors



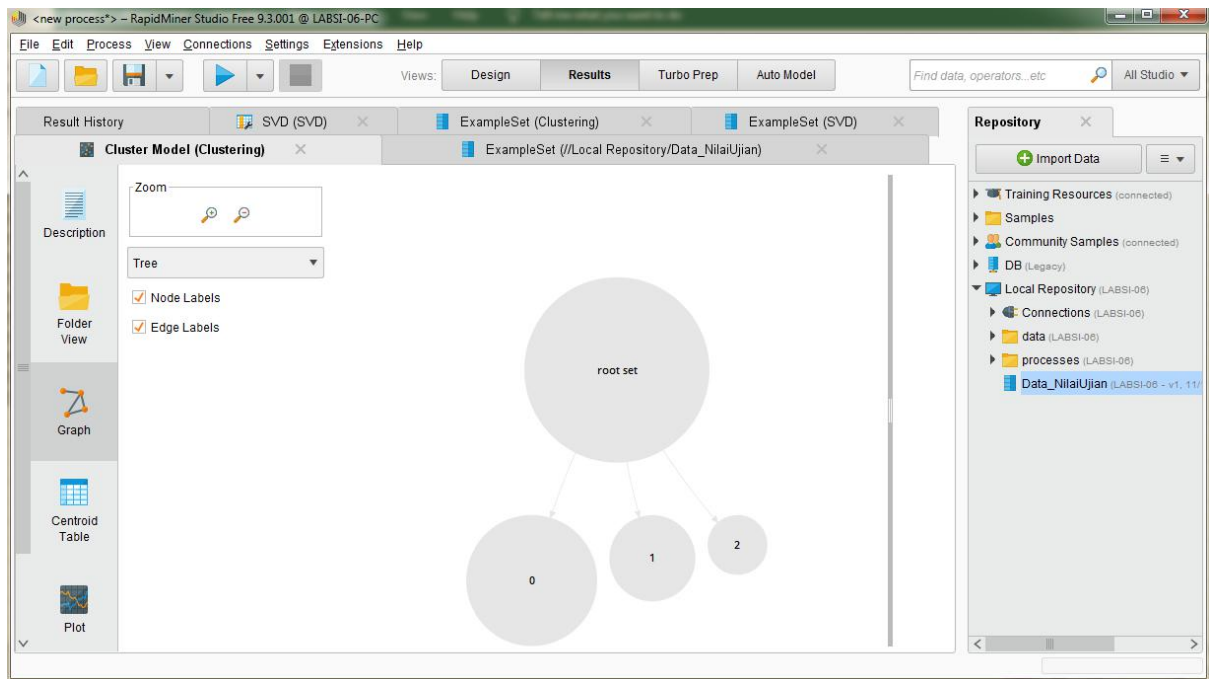
Nilai Cumulative Variance



Cluster Model (Clustering) Description



Graph



Interpretasi Hasil Algoritma K-Means

The screenshot shows the RapidMiner Studio interface with the 'ExampleSet (Clustering)' operator selected. The main canvas displays a table of 10 examples, each assigned to one of three clusters (cluster_0, cluster_1, or cluster_2). The table includes columns for Row No., NAMA, cluster, B.IND, and B.JING. The left sidebar contains icons for Data, Statistics, Visualizations, and Annotations. The right sidebar shows the 'Repository' with a tree view of data sources, including 'Data_NilaiUjian' selected under 'Local Repository (LABSI-06)'.

Row No.	NAMA	cluster	B.IND	B.JING
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

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