

Nama : Windiapriani Ginayawati

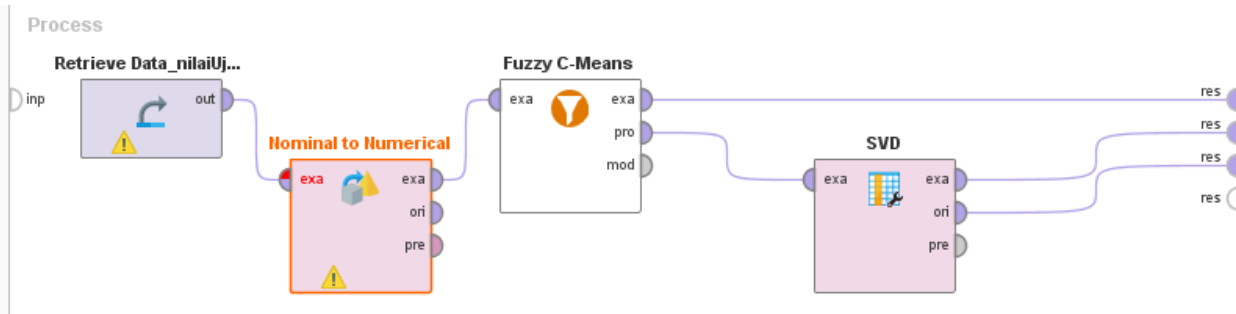
NIM : L200170157

Kelas : F

Modul XIV

Praktikum

- Membuat desain dari Data_nilaiujian seperti gambar berikut,



- Hasil Clustering

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

Open in



Turbo Prep



Auto Model

Row No.	cluster	BIND	BING
1	cluster_0	7.482	7.931
2	cluster_1	6.089	6.078
3	cluster_2	9.164	8.139

Open in



Turbo Prep



Auto Model

Filter (3 / 3 examples):

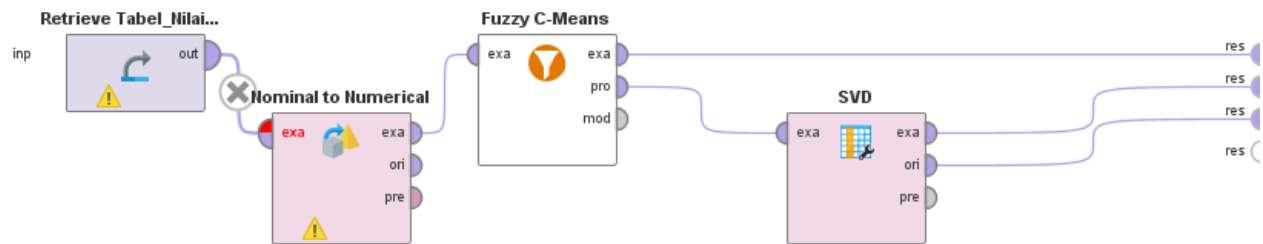
all

Row No.	cluster	svd_1
1	cluster_0	0.588
2	cluster_1	0.465
3	cluster_2	0.662

TUGAS

- Membuat desain seperti gambar berikut.

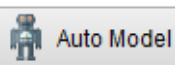
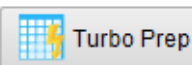
Process



- Hasil clustering dengan algoritma Fuzzy C-Means

ExampleSet (Fuzzy C-Means)	ExampleSet (SVD)
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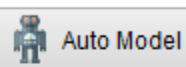
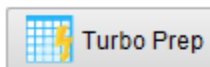
Open in



Row No.	cluster	B.IND	B.ING	MTK	IPA
1	cluster_0	7.198	7.698	7.091	7.527
2	cluster_1	7.220	7.562	7.543	7.674
3	cluster_2	7.242	7.947	7.438	7.521
4	cluster_3	6.989	7.902	8.127	7.744

ExampleSet (Fuzzy C-Means)	ExampleSet (SVD)
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Open in



Row No.	cluster	svd_1
1	cluster_0	0.490
2	cluster_1	0.498
3	cluster_2	0.501
4	cluster_3	0.511

Row No.	NAMA	cluster ↑	B.IND	B.ING	MTK	IPA
7	EKO	cluster_0	5.259	6.279	5.802	8.899
8	YANTO	cluster_0	7.822	5.359	5.369	6.425
10	MAHMUD	cluster_0	7.882	6.638	6.605	5.116
16	BAYU	cluster_0	8.640	9.667	5.261	9.418
21	INDAH	cluster_0	7.472	6.841	5.360	7.393
22	JONO	cluster_0	6.065	9.528	5.630	6.386
25	BAMBANG	cluster_0	7.042	9.592	5.814	8.783
26	HADI	cluster_0	7.084	7.443	5.943	9.331
27	NANA	cluster_0	5.938	5.563	6.260	7.207
29	DENI	cluster_0	6.656	8.793	5.539	7.072

Row No.	NAMA	cluster ↑	B.IND	B.ING	MTK	IPA
3	SUSI	cluster_1	9.912	7.031	7.006	9.411
5	WATI	cluster_1	9.846	6.396	7.808	9.062
15	AHMAD	cluster_1	8.495	6.291	8.702	7.484
18	RANI	cluster_1	6.566	6.293	7.479	6.269
20	RATIH	cluster_1	6.294	5.656	7.353	7.916

Row No.	NAMA	cluster ↑	B.IND	B.ING	MTK	IPA
14	DANI	cluster_2	8.320	7.889	8.163	6.315
17	RISA	cluster_2	5.816	7.946	7.471	5.137
19	YANI	cluster_2	6.927	9.825	7.682	5.617
28	FEBRI	cluster_2	7.677	9.148	7.760	6.725

Row No.	NAMA	cluster ↓	B.IND	B.ING	MTK	IPA
1	JOKO	cluster_3	8.346	9.554	9.679	8.055
2	AGUS	cluster_3	5.521	9.219	9.719	6.323
4	DYAH	cluster_3	6.776	7.613	9.442	9.938
6	IKA	cluster_3	7.848	8.408	8.606	9.804
9	WAWAN	cluster_3	8.292	9.452	9.163	6.235
11	BUDI	cluster_3	6.860	8.347	8.560	6.422
12	SANTI	cluster_3	5.325	9.094	9.594	8.055
13	DIAN	cluster_3	6.677	6.583	8.552	7.955
23	SARAH	cluster_3	5.718	5.454	9.180	9.204
24	RAMA	cluster_3	8.249	9.764	9.054	6.844
30	TONI	cluster_3	5.727	7.692	8.028	9.620