

NAMA : AGATHA FEBIANANDA P

NIM : L200170127

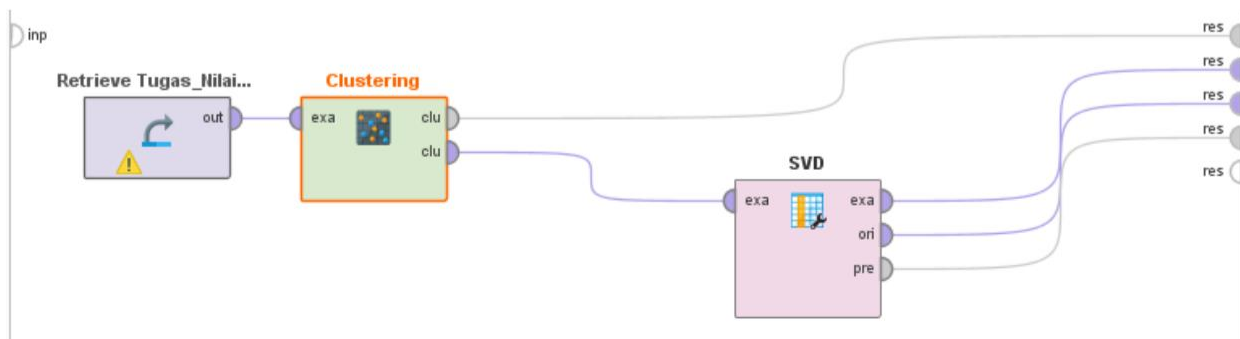
KELAS : E

## TUGAS

### MODUL 10

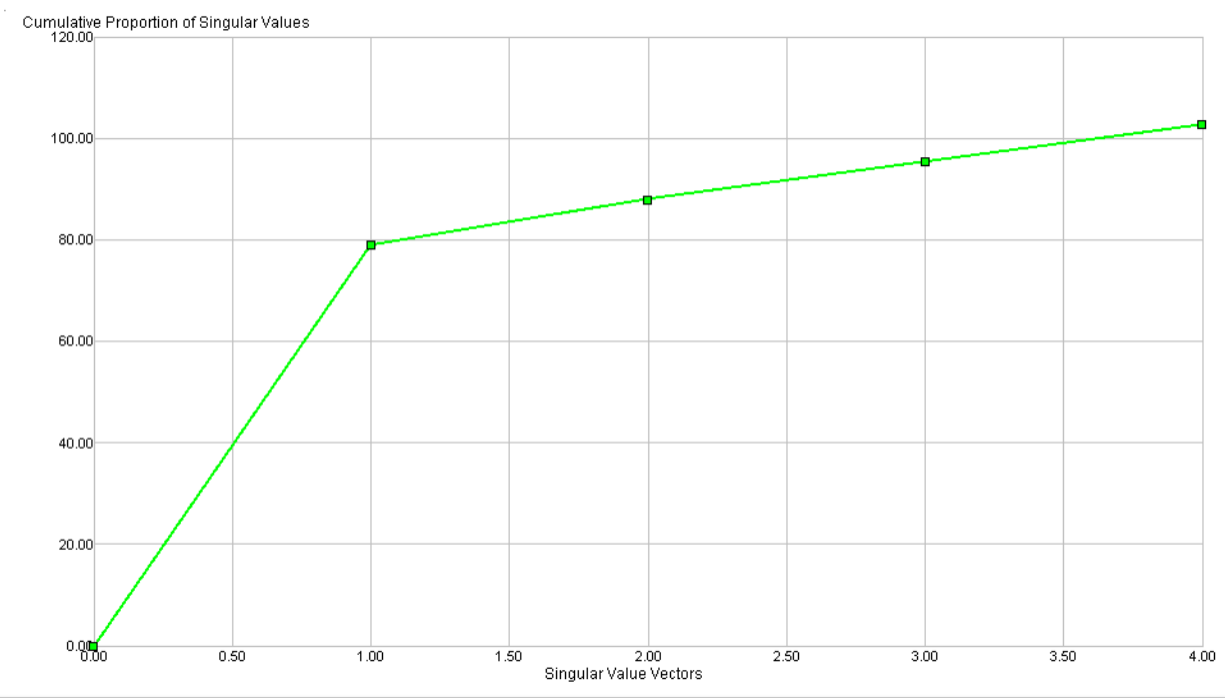
Row No.	NAMA	B.IND	B.ING	MTK	IPA
1	JOKO	6.958	6.772	5.294	7.276
2	AGUS	8.355	8.670	5.173	9.004
3	SUSI	7.596	7.133	9.749	9.071
4	DYAH	6.078	7.194	9.785	9.424
5	WATI	9.647	6.191	9.955	6.255
6	IKA	5.699	5.148	7.449	6.662
7	EKO	5.079	8.902	7.531	5.403
8	YANTO	7.011	9.744	7.358	5.262
9	WAWAN	5.741	8.842	5.977	7.668
10	MAHMUD	6.816	9.743	7.010	8.830
11	BUDI	6.236	9.883	6.611	7.707
12	SANTI	5.144	6.881	6.723	5.051
13	DIAN	7.999	9.295	7.863	7.329

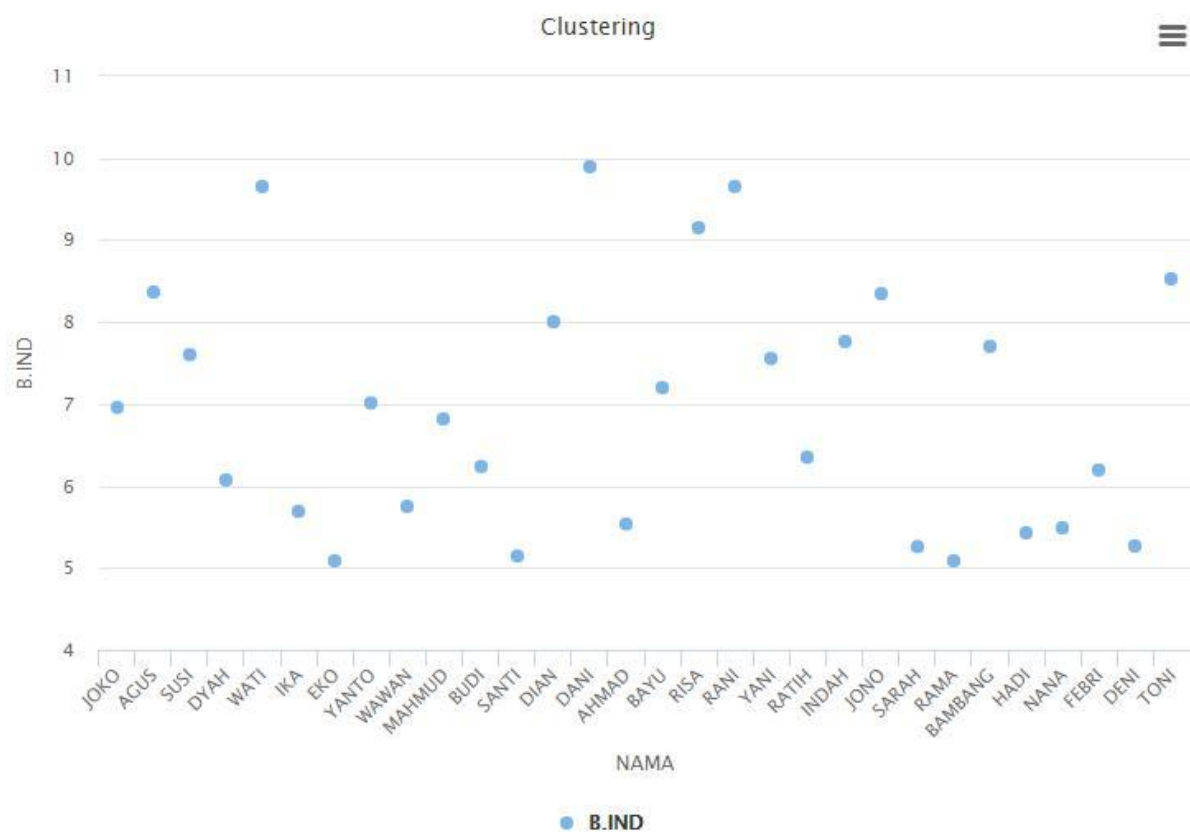
14	DANI	9.899	6.667	6.465	5.790
15	AHMAD	5.535	9.327	7.342	8.890
16	BAYU	7.190	9.714	5.350	5.280
17	RISA	9.155	6.476	9.115	8.504
18	RANI	9.645	5.341	5.270	7.014
19	YANI	7.555	8.917	8.744	5.134
20	RATIH	6.349	7.158	6.522	5.196
21	INDAH	7.759	7.823	5.473	8.542
22	JONO	8.349	6.885	5.698	7.647
23	SARAH	5.259	8.390	5.055	9.378
24	RAMA	5.092	6.298	5.107	6.607
25	BAMBANG	7.710	8.635	6.575	9.642
26	HADI	5.438	8.115	6.890	7.625
27	NANA	5.483	5.509	8.056	6.990
28	FEBRI	6.195	8.177	5.549	5.733
29	DENI	5.264	6.093	7.129	6.851
30	TONI	8.524	6.487	6.946	5.011

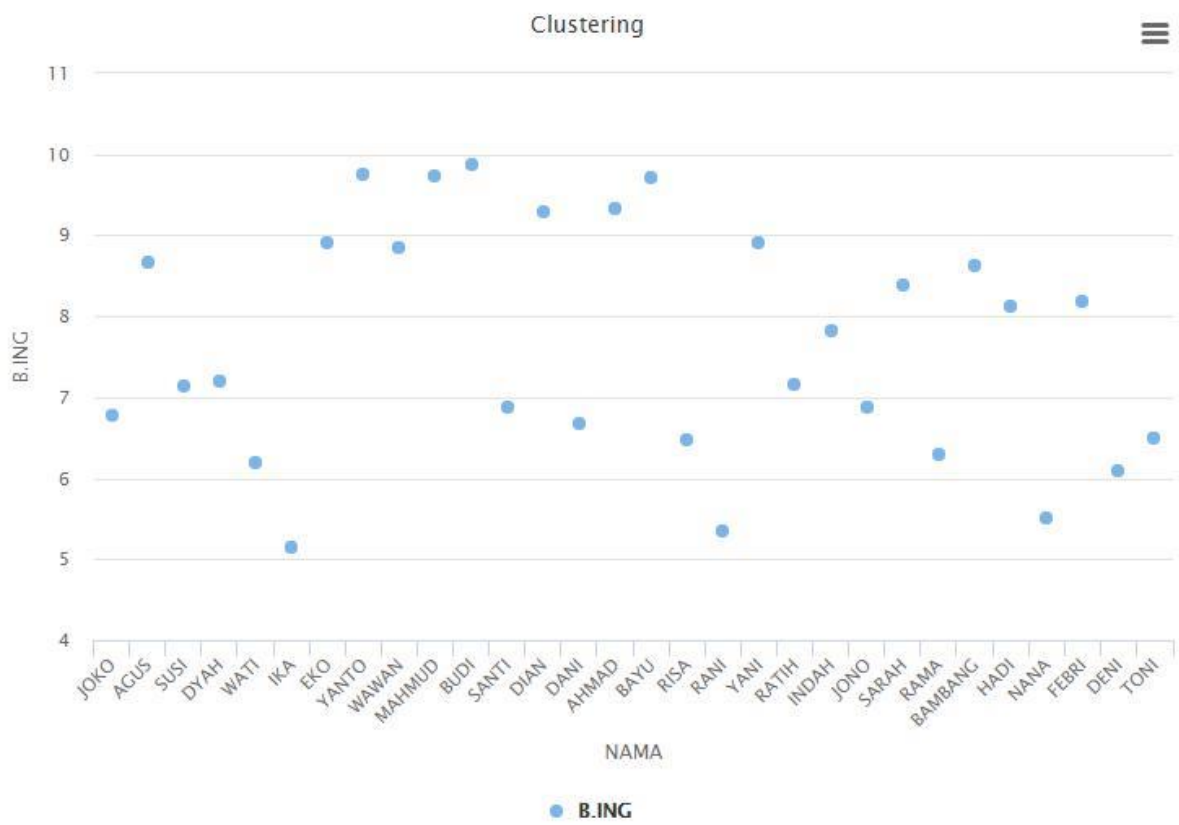


Component	Singular Value	Proportion of Singular Values	Cumulative Singular Values	Cumulative Proportion of Sin...
SVD 1	79.137	0.769	79.137	0.769
SVD 2	8.963	0.087	88.100	0.856
SVD 3	7.456	0.072	95.556	0.929
SVD 4	7.318	0.071	102.875	1.000

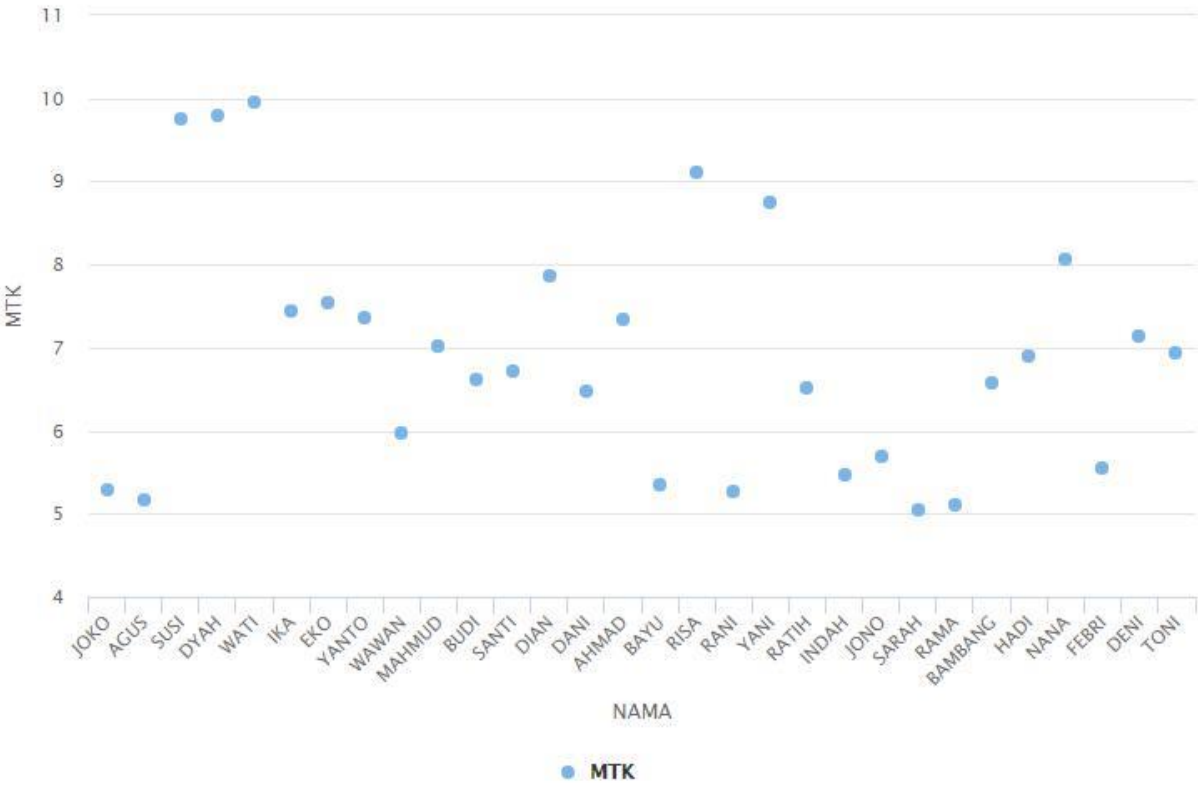
Attribute	SVD Vector 1	SVD Vector 2	SVD Vector 3
B.IND	0.484	-0.594	0.599
B.ING	0.533	0.618	0.358
MTK	0.482	-0.410	-0.611
IPA	0.499	0.311	-0.374

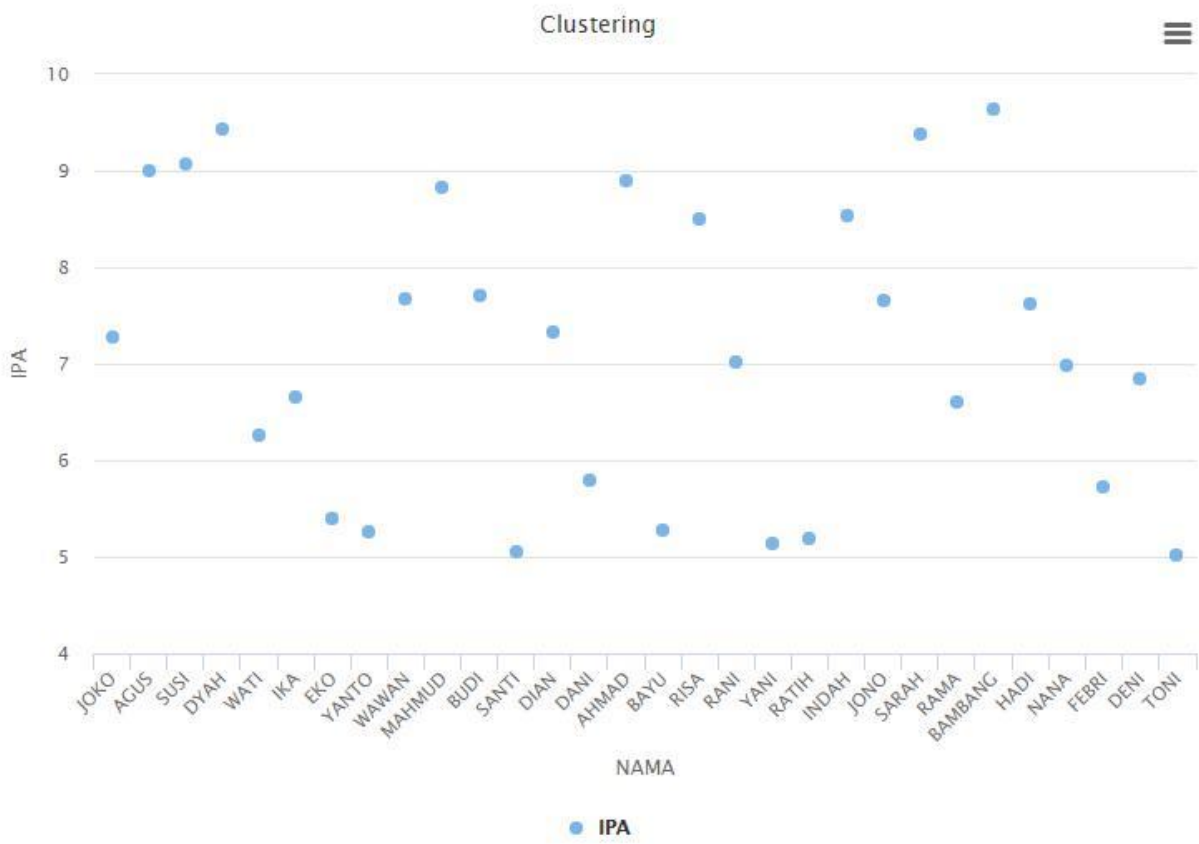






Clustering





Row No.	NAMA	cluster ↑	svd_1
1	JOKO	cluster_0	0.166
6	IKA	cluster_0	0.157
7	EKO	cluster_0	0.171
12	SANTI	cluster_0	0.151
19	YANI	cluster_0	0.192
20	RATIH	cluster_0	0.160
24	RAMA	cluster_0	0.146
27	NANA	cluster_0	0.164
28	FEBRI	cluster_0	0.163
29	DENI	cluster_0	0.160
14	DANI	cluster_1	0.181
18	RANI	cluster_1	0.171
22	JONO	cluster_1	0.180
30	TONI	cluster_1	0.170



3	SUSI	cluster_2	0.211
4	DYAH	cluster_2	0.205
5	WATI	cluster_2	0.201
17	RISA	cluster_2	0.209
2	AGUS	cluster_3	0.198
8	YANTO	cluster_3	0.187
9	WAWAN	cluster_3	0.179
10	MAHMUD	cluster_3	0.206
11	BUDI	cluster_3	0.194
13	DIAN	cluster_3	0.206
15	AHMAD	cluster_3	0.197
16	BAYU	cluster_3	0.175
21	INDAH	cluster_3	0.187
23	SARAH	cluster_3	0.179
25	BAMBANG	cluster_3	0.206
26	HADI	cluster_3	0.178

## Cluster Model

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Cluster 0: 10 items
Cluster 1: 4 items
Cluster 2: 4 items
Cluster 3: 12 items
Total number of items: 30

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