

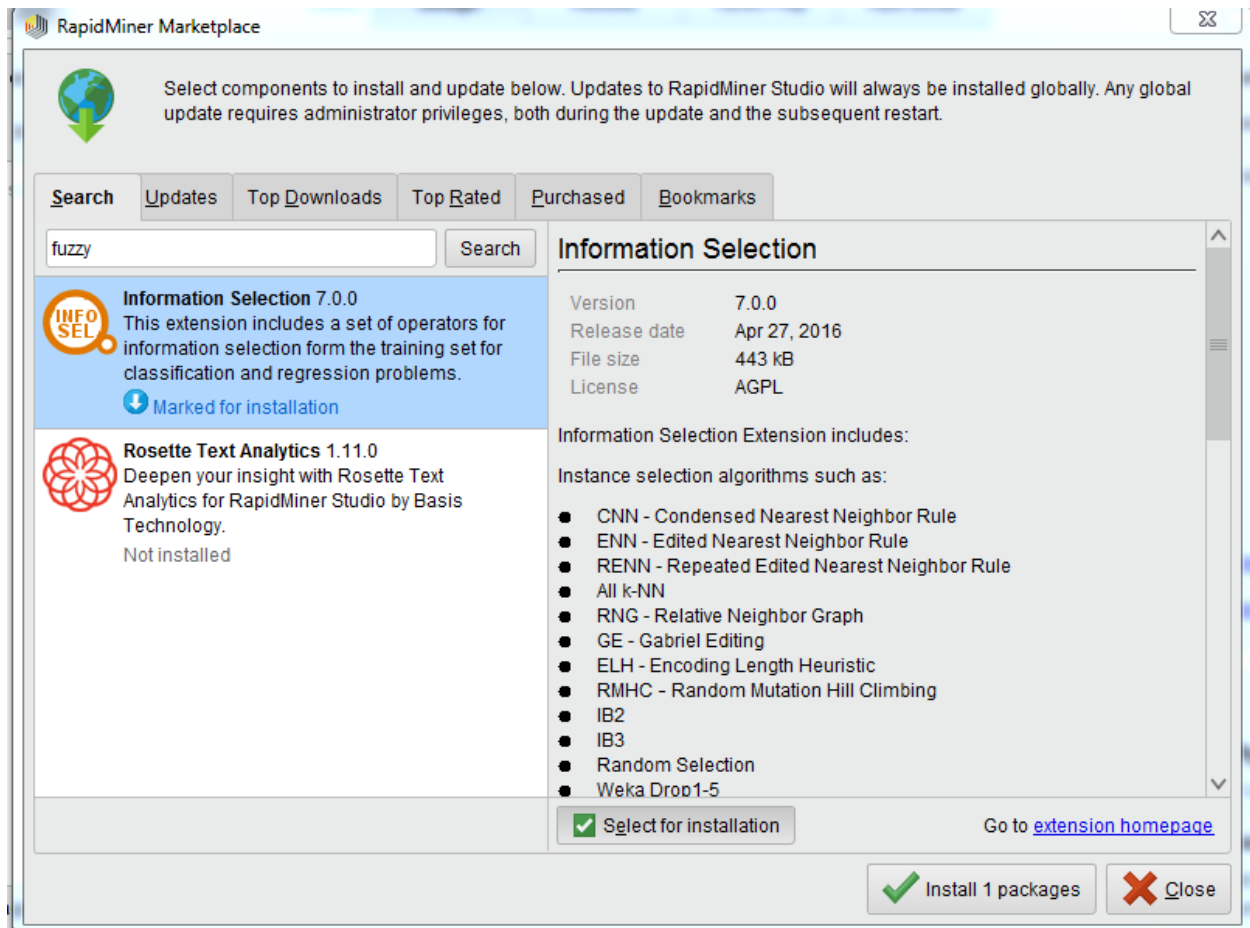
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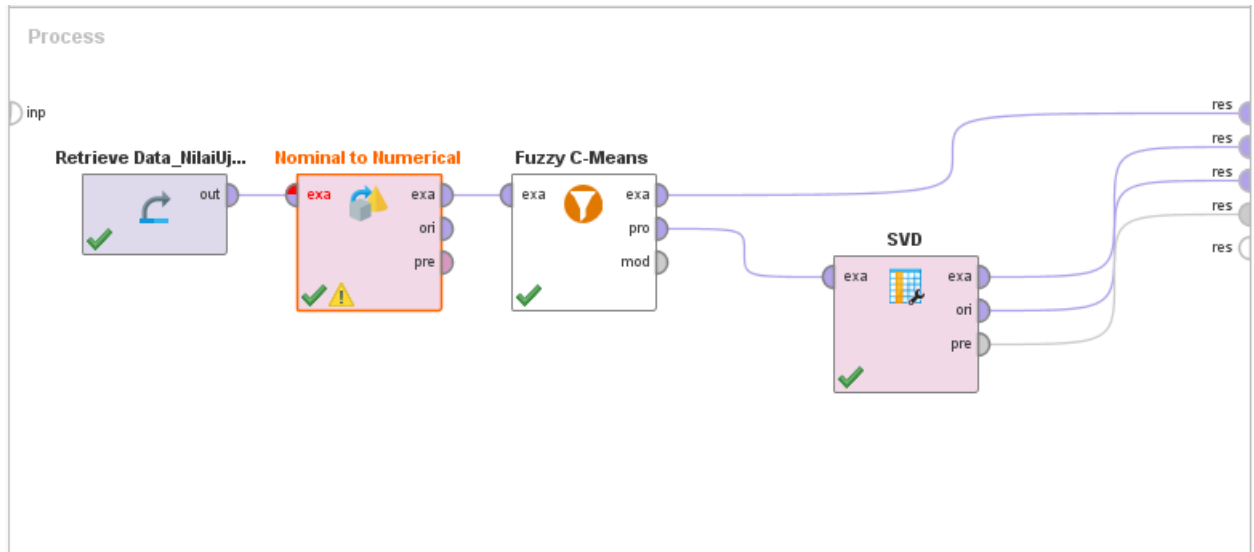
Kelas : F

MODUL 14

LATIHAN





1. PROSES



2. Output (nominal to numerical)

Row No.	NAMA	cluster	B.IND	B.ING
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

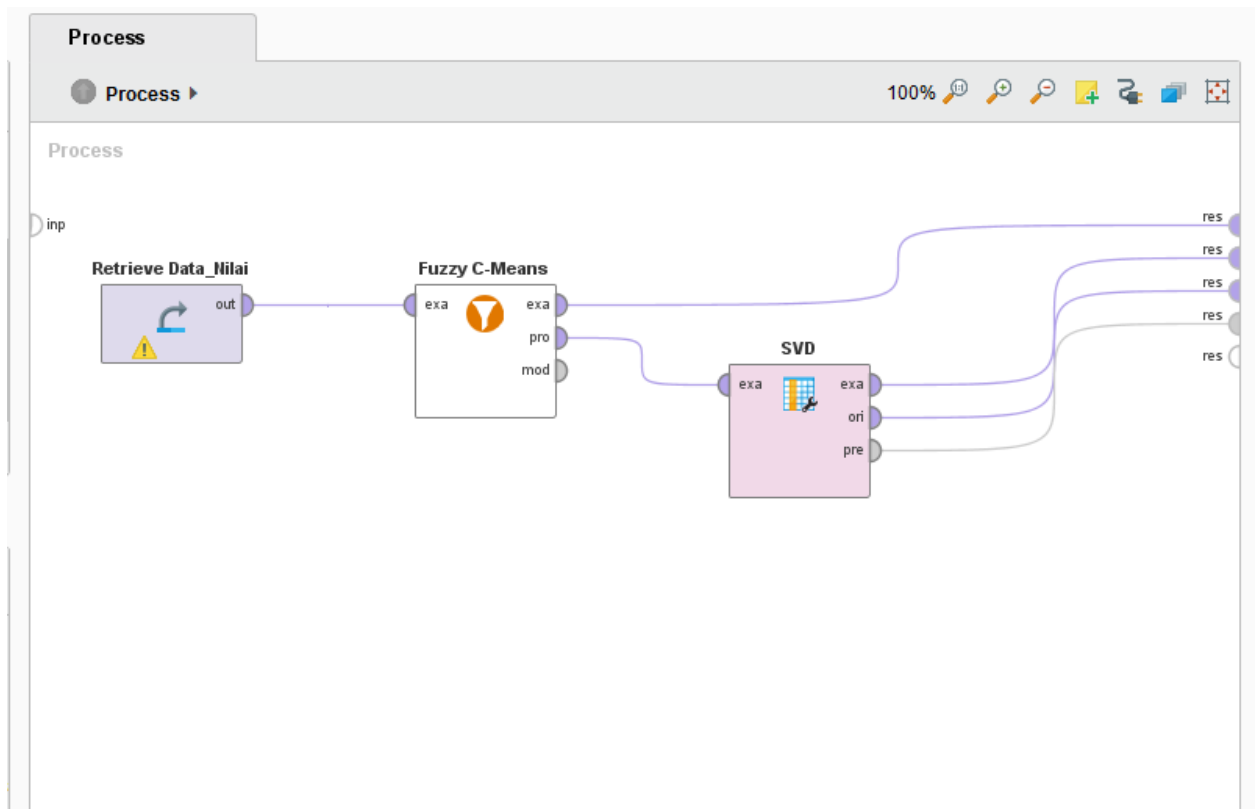
3. Output example set (fuzzy c-means)

Open in  Turbo Prep  Auto Model

Row No.	cluster ↑	B.IND	B.ING
1	cluster_0	7.482	7.931
2	cluster_1	6.089	6.078
3	cluster_2	9.164	8.139

TUGAS

1. Proses



2. Output example set (fuzzy c-means)

Open in



Turbo Prep



Auto Model

Row No.	cluster ↑	B.IND	B.ING	MTK	IPA
1	cluster_0	7.266	7.857	7.529	7.744
2	cluster_1	7.473	7.590	7.238	7.082
3	cluster_2	7.344	7.783	7.272	7.683
4	cluster_3	7.212	8.223	7.437	7.974

3. Svd

Component	Singular Value	Proportion of Singular Values	Cumulative Singular Values	Cumulative Proportion of Si...
SVD 1	30.194	0.969	30.194	0.969
SVD 2	0.620	0.020	30.814	0.989
SVD 3	0.187	0.006	31.001	0.995
SVD 4	0.152	0.005	31.153	1.000

4. Example set (svd)

Open in



Turbo Prep



Auto Model

Row No.	cluster ↑	svd_1
1	cluster_0	0.504
2	cluster_1	0.486
3	cluster_2	0.498
4	cluster_3	0.511

5. Example set (retrieve data_nilai)

Row No.	NAMA	cluster ↑	B.IND	B.ING	MTK	IPA
6	IKA	cluster_0	6.084	7.092	8.442	7.743
10	MAHMUD	cluster_0	9.837	7.466	8.470	8.059
13	DIAN	cluster_0	5.361	6.401	9.002	9.461
19	YANI	cluster_0	7.140	6.903	9.779	8.558
26	HADI	cluster_0	8.156	6.717	8.880	8.619
27	NANA	cluster_0	5.000	6.659	8.504	7.398
1	JOKO	cluster_1	7.733	5.408	9.792	5.090
4	DYAH	cluster_1	6.260	7.349	8.101	5.432
8	YANTO	cluster_1	9.678	5.671	6.550	6.058
15	AHMAD	cluster_1	7.193	8.851	8.930	5.620
16	BAYU	cluster_1	7.022	9.795	7.451	5.838
17	RISA	cluster_1	7.777	5.778	7.030	7.526
18	RANI	cluster_1	5.610	7.456	5.325	5.522
22	JONO	cluster_1	5.913	8.835	6.883	6.220
23	SARAH	cluster_1	5.775	5.816	8.528	5.547
24	RAMA	cluster_1	8.531	6.496	5.588	5.932
3	SUSI	cluster_2	6.984	7.031	5.477	8.220
5	WATI	cluster_2	8.208	8.908	6.312	7.269
9	WAWAN	cluster_2	8.753	8.251	6.896	7.635
14	DANI	cluster_2	8.193	5.862	6.144	8.659
25	BAMBANG	cluster_2	5.347	6.226	5.458	7.640
2	AGUS	cluster_3	7.391	9.346	8.235	8.299
7	EKO	cluster_3	9.504	9.181	5.704	8.914
11	BUDI	cluster_3	5.032	9.995	5.100	9.623
12	SANTI	cluster_3	6.022	8.995	5.100	8.767
20	RATIH	cluster_3	8.936	9.551	6.656	7.745
21	INDAH	cluster_3	8.902	9.947	9.025	8.071
28	FABRI	cluster_3	8.650	9.937	9.874	9.424
29	DENI	cluster_3	6.212	9.951	7.788	9.726
30	TONI	cluster_3	8.520	9.942	5.981	9.900