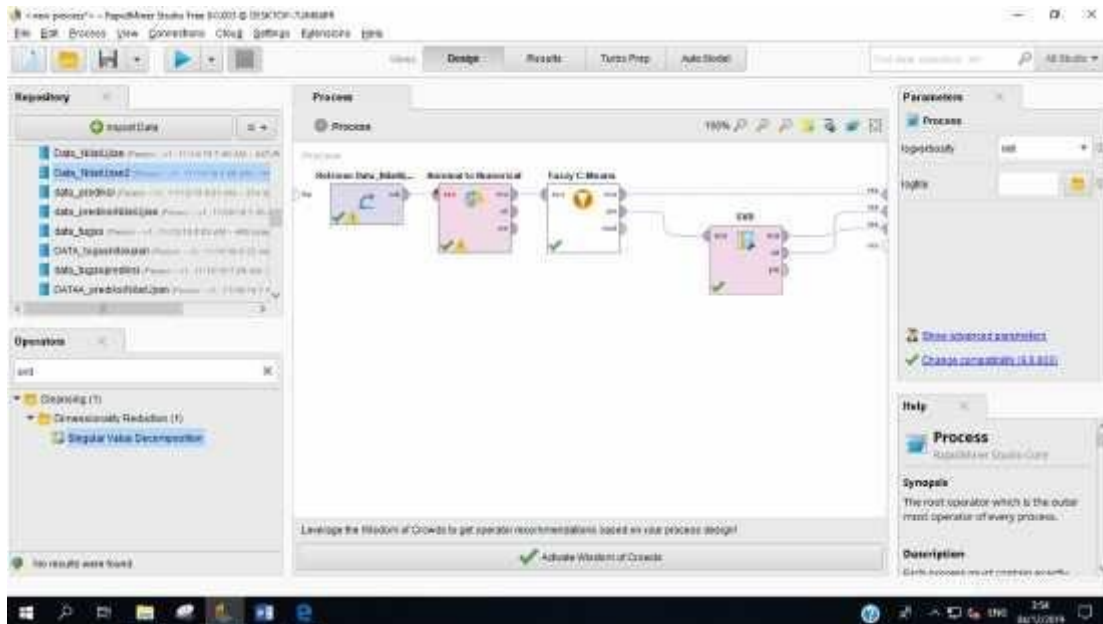


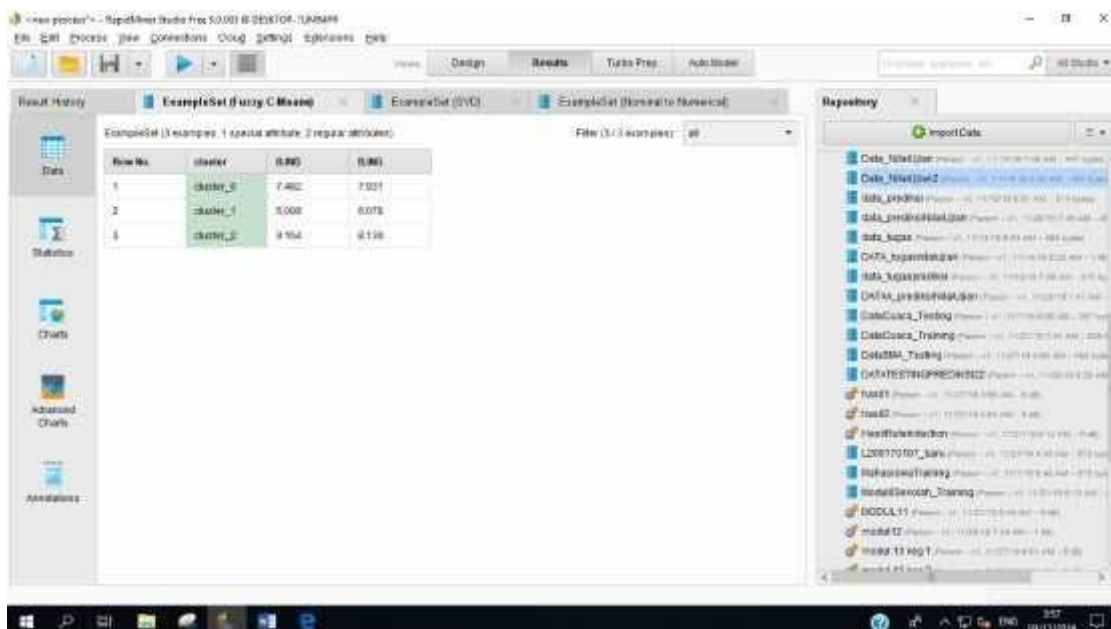
MODUL 14

ALGORITMA CLUSTERING FUZZY C-MEANS (FCM)

★ MENAMBAH OPERATOR



★ HASIL FUZZY C-MEANS



[illegible]

Orange3 - 3.10.0 (64-bit) - DESKTOP-XXXXXX

File Edit View Windows Object Settings Help

Workflow: ExampleSet (Puzzle-C-Means) -> ExampleSet (DT) -> ExampleSet (Normal to Numerical)

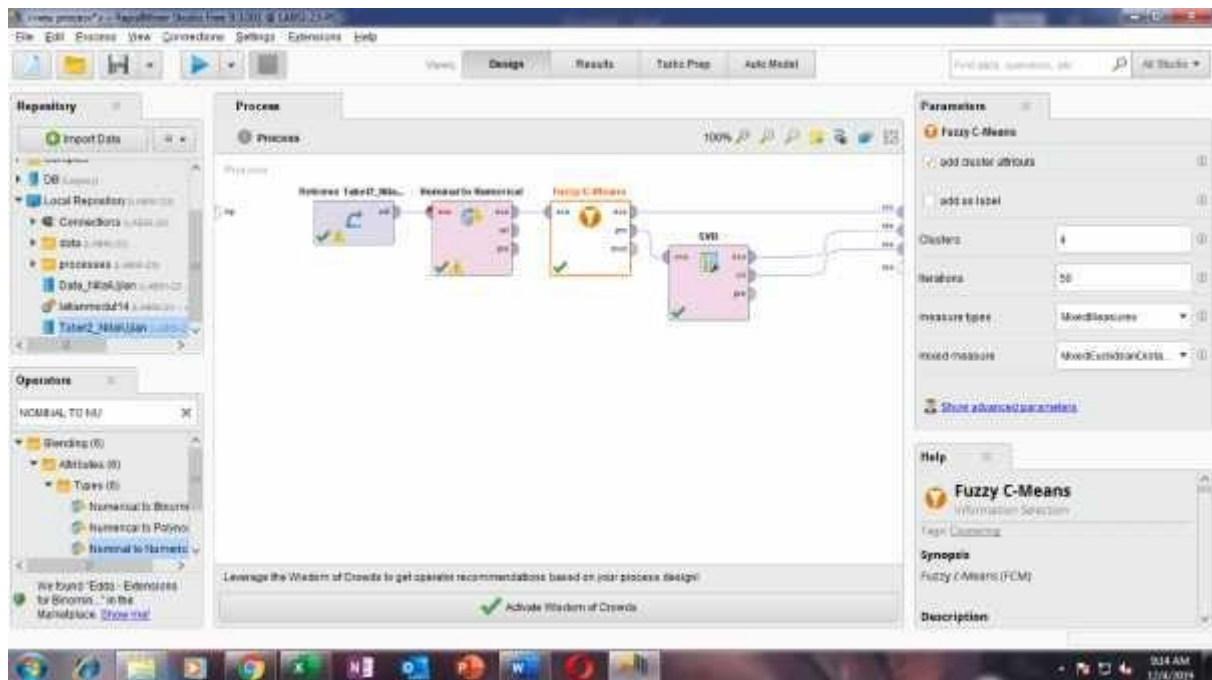
ExampleSet (Normal to Numerical) Filter: 10 / 13 examples

Row No.	NAME	cluster	S162	S163
1	JONG	cluster_2	8.540	8.470
2	AGUE	cluster_2	9.980	9.810
3	SUG	cluster_0	8.200	9.150
4	JOHN	cluster_1	5.340	2.260
5	WED	cluster_1	0.700	5.710
6	BA	cluster_0	8.070	8.070
7	SIO	cluster_0	7.740	7.740
8	YABU	cluster_1	0.900	5.700
9	WAMU	cluster_2	8	8.520
10	WAMAU	cluster_2	8.010	8.540

Repository

- Data: File, Table, Text, CSV, Excel, JSON, XML, etc.
- Preprocessing: Filter, Select, Split, etc.
- Modeling: Decision Tree, Random Forest, etc.
- Visualization: Scatter Plot, Bar Chart, etc.

TUGAS



Completed Normal to Numerical

Row ID	ID	cluster	RMSE	RMSE	RMSE	RMSE	RMSE
1	1	cluster 1	0.000	0.000	0.000	0.000	0.000
2	2	cluster 1	0.000	0.000	0.000	0.000	0.000
3	3	cluster 1	0.000	0.000	0.000	0.000	0.000
4	4	cluster 1	0.000	0.000	0.000	0.000	0.000
5	5	cluster 1	0.000	0.000	0.000	0.000	0.000
6	6	cluster 1	0.000	0.000	0.000	0.000	0.000
7	7	cluster 1	0.000	0.000	0.000	0.000	0.000
8	8	cluster 1	0.000	0.000	0.000	0.000	0.000
9	9	cluster 1	0.000	0.000	0.000	0.000	0.000
10	10	cluster 1	0.000	0.000	0.000	0.000	0.000
11	11	cluster 1	0.000	0.000	0.000	0.000	0.000
12	12	cluster 1	0.000	0.000	0.000	0.000	0.000
13	13	cluster 1	0.000	0.000	0.000	0.000	0.000
14	14	cluster 1	0.000	0.000	0.000	0.000	0.000
15	15	cluster 1	0.000	0.000	0.000	0.000	0.000
16	16	cluster 1	0.000	0.000	0.000	0.000	0.000
17	17	cluster 1	0.000	0.000	0.000	0.000	0.000
18	18	cluster 1	0.000	0.000	0.000	0.000	0.000
19	19	cluster 1	0.000	0.000	0.000	0.000	0.000
20	20	cluster 1	0.000	0.000	0.000	0.000	0.000
21	21	cluster 1	0.000	0.000	0.000	0.000	0.000
22	22	cluster 1	0.000	0.000	0.000	0.000	0.000
23	23	cluster 1	0.000	0.000	0.000	0.000	0.000
24	24	cluster 1	0.000	0.000	0.000	0.000	0.000
25	25	cluster 1	0.000	0.000	0.000	0.000	0.000
26	26	cluster 1	0.000	0.000	0.000	0.000	0.000
27	27	cluster 1	0.000	0.000	0.000	0.000	0.000
28	28	cluster 1	0.000	0.000	0.000	0.000	0.000
29	29	cluster 1	0.000	0.000	0.000	0.000	0.000
30	30	cluster 1	0.000	0.000	0.000	0.000	0.000

Completed Fuzzy C-Means clustering results

CLUSTER 0	CLUSTER 1	CLUSTER 2	CLUSTER 3
JOKO	DYAH	YANTO	SUSI
AGUS	IKA	WAWAN	WATI
EKO	DIAN	DANI	MAHMUD
BUDI	RATIH	BAYU	SANTI
JONO	FEBRI	RISA	AHMAD
SARAH	TONI	RANI	RAMA
		YANI	DENI
		INDAH	
		BAMBANG	
		HADI	
		NANA	