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KELAS : C

## MODUL-10

### CLUSTERING : K-MEANS

#### PRAKTIKUM DATA WAREHOUSING DAN DATA MINING

#### TUGAS

TABEL DATA NILAI UJIAN 30 SISWA :

	A	B	C	D	E	F
1	NO_SISWA	NAMA	B.IND	B.ING	MTK	IPA
2	S-101	JOKO	=5+RAND()*5			
3	S-102	AGUS				
4	S-103	SUSI				
5	S-104	DYAH				
6	S-105	WATI				
7	S-106	IKA				
8	S-107	EKO				
9	S-108	YANTO				
10	S-109	WAWAN				
11	S-110	MAHMUD				
12	S-111	BUDI				
13	S-112	SANTI				
14	S-113	DIAN				

NO_SISWA	NAMA	B.IND	B.ING	MTK	IPA
S-101	JOKO	6.90	6.99	8.20	5.32
S-102	AGUS	8.18	6.04	8.76	5.18
S-103	SUSI	6.22	6.17	9.46	8.49
S-104	DYAH	9.74	8.49	6.81	7.32
S-105	WATI	5.17	6.88	9.52	5.80
S-106	IKA	7.75	10.00	5.40	6.35
S-107	EKO	8.00	5.14	9.24	7.49
S-108	YANTO	9.28	8.90	7.92	8.03
S-109	WAWAN	9.11	5.93	8.65	6.56
S-110	MAHMUD	8.04	5.10	9.02	5.78
S-111	BUDI	8.94	8.96	9.44	9.79
S-112	SANTI	9.35	7.08	9.54	7.96
S-113	DIAN	6.57	7.09	8.80	8.00
S-114	DANI	6.41	7.46	8.29	9.49
S-115	AHMAD	7.37	9.68	7.35	8.99
S-116	BAYU	5.49	8.05	7.83	5.68
S-117	RISA	7.85	7.47	6.99	8.34
S-118	RANI	8.40	8.25	7.92	6.67
S-119	YANI	5.19	7.49	5.24	7.40
S-120	RATIH	5.90	7.07	8.58	6.98
S-121	INDAH	7.85	9.53	8.83	6.38
S-122	JONO	6.28	9.08	6.75	8.03
S-123	SARAH	9.33	9.72	5.07	8.03
S-124	RAMA	8.55	8.00	5.20	8.48
S-125	BAMBANG	7.23	5.83	9.70	5.55
S-126	HADI	7.99	6.82	6.85	7.61
S-127	NANA	7.62	5.86	6.45	6.59
S-128	FEBRI	8.35	7.49	9.48	9.45
S-129	DENI	8.02	7.91	7.67	5.69
S-130	TONI	6.77	9.78	8.59	6.97

**MODUL-10**  
**CLUSTERING : K-MEANS**  
**PRAKTIKUM DATA WAREHOUSING DAN DATA MINING**

Import Data - Format your columns.

**Format your columns.**

☐ Replace errors with missing values ⓘ

	NAMA <i>polynomial</i>	B.IND <i>real</i>	B.ING <i>real</i>	MTK <i>real</i>	IPA <i>real</i>
1	JOKO				
2	AGUS				
3	SUSI				
4	DYAH				
5	WATI				
6	IKA				
7	EKO				
8	YANTO				
9	WAWAN	9.109	5.935	8.650	6.561
10	MAHMUD	8.035	5.104	9.016	5.782
11	BUDI	8.939	8.955	9.443	9.786
12	SANTI	9.351	7.078	9.537	7.961
13	DIAN	6.570	7.094	8.802	8.003

Change role

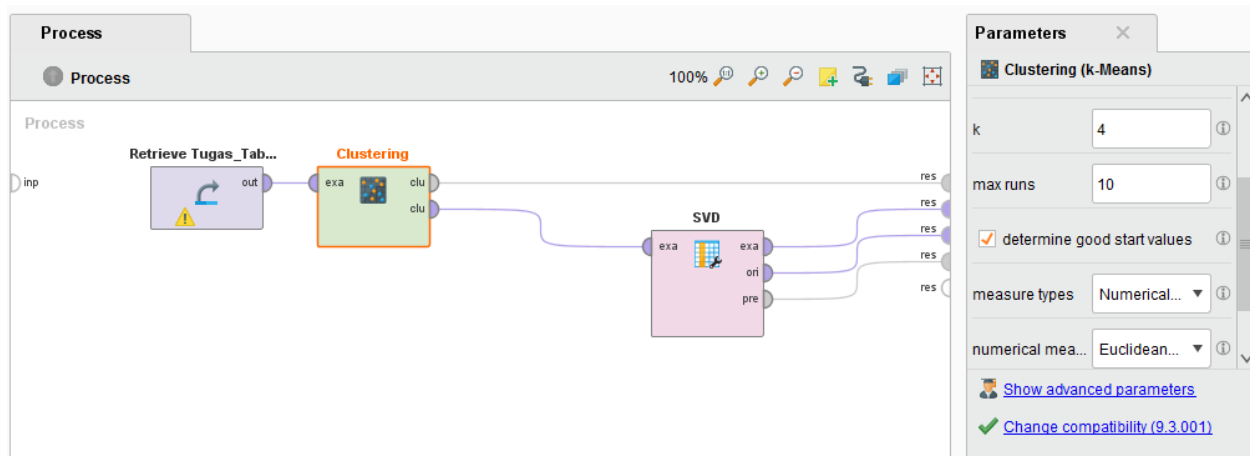
Please enter the new role:

id

OK Cancel

no problems.

Previous Next Cancel



**MODUL-10****CLUSTERING : K-MEANS****PRAKTIKUM DATA WAREHOUSING DAN DATA MINING****PENGELOMPOKAN SISWA SESUAI CLUSTER****CLUSTER 0**

<b>NAMA</b>	<b>CLUSTER</b>	<b>B.IND</b>	<b>B.ING</b>	<b>MTK</b>	<b>IPA</b>
DYAH	cluster_0	9.74	8.49	6.81	7.32
IKA	cluster_0	7.75	10.00	5.40	6.35
YANTO	cluster_0	9.28	8.90	7.92	8.03
AHMAD	cluster_0	7.37	9.68	7.35	8.99
RISA	cluster_0	7.85	7.47	6.99	8.34
RANI	cluster_0	8.40	8.25	7.92	6.67
YANI	cluster_0	5.19	7.49	5.24	7.40
JONO	cluster_0	6.28	9.08	6.75	8.03
SARAH	cluster_0	9.33	9.72	5.07	8.03
RAMA	cluster_0	8.55	8.00	5.20	8.48
HADI	cluster_0	7.99	6.82	6.85	7.61

**CLUSTER 1**

<b>NAMA</b>	<b>CLUSTER</b>	<b>B.IND</b>	<b>B.ING</b>	<b>MTK</b>	<b>IPA</b>
JOKO	cluster_1	6.90	6.99	8.20	5.32
WATI	cluster_1	5.17	6.88	9.52	5.80
BAYU	cluster_1	5.49	8.05	7.83	5.68
RATIH	cluster_1	5.90	7.07	8.58	6.98
INDAH	cluster_1	7.85	9.53	8.83	6.38
DENI	cluster_1	8.02	7.91	7.67	5.69
TONI	cluster_1	6.77	9.78	8.59	6.97

**CLUSTER 2**

<b>NAMA</b>	<b>CLUSTER</b>	<b>B.IND</b>	<b>B.ING</b>	<b>MTK</b>	<b>IPA</b>
SUSI	cluster_2	6.22	6.17	9.46	8.49
BUDI	cluster_2	8.94	8.96	9.44	9.79
DIAN	cluster_2	6.57	7.09	8.80	8.00
DANI	cluster_2	6.41	7.46	8.29	9.49
FEBRI	cluster_2	8.35	7.49	9.48	9.45

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**CLUSTER 3**

<b>NAMA</b>	<b>CLUSTER</b>	<b>B.IND</b>	<b>B.ING</b>	<b>MTK</b>	<b>IPA</b>
AGUS	cluster_3	8.18	6.04	8.76	5.18
EKO	cluster_3	8.00	5.14	9.24	7.49
WAWAN	cluster_3	9.11	5.93	8.65	6.56
MAHMUD	cluster_3	8.04	5.10	9.02	5.78
SANTI	cluster_3	9.35	7.08	9.54	7.96
BAMBANG	cluster_3	7.23	5.83	9.70	5.55
NANA	cluster_3	7.62	5.86	6.45	6.59