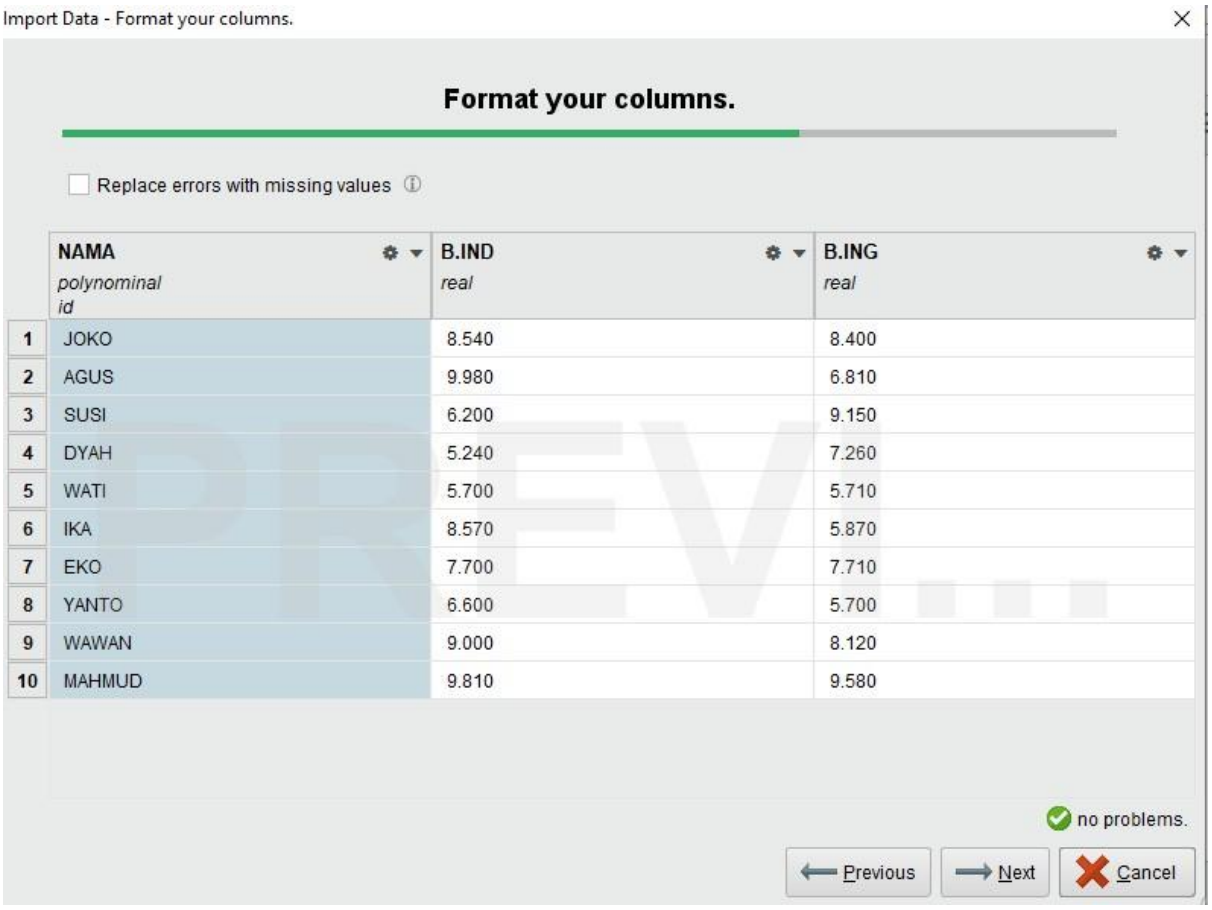
NAMA : FITRI CAHYA KUSUMAWATI
NIM : L200170110

Percobaan Modul 10

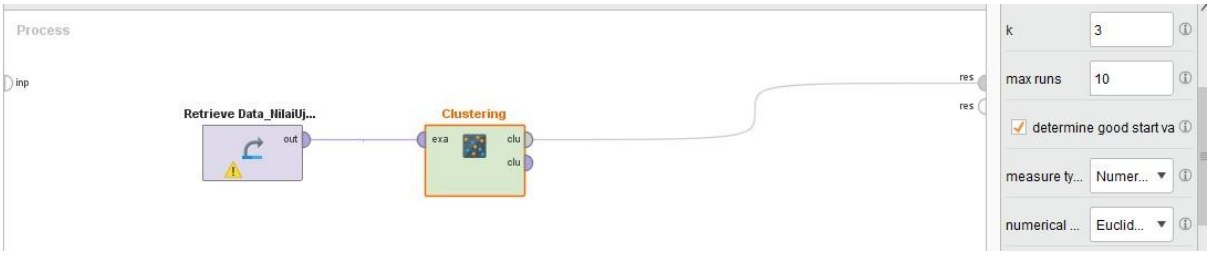
Membuat table data nilai ujian siswa dan disimpan dengan nama file Tabel_NilaiUjian.xls

NO_SISWA	NAMA	B.IND	B.ING
S-101	JOKO	8,54	8,40
S-102	AGUS	9,98	6,81
S-103	SUSI	6,20	9,15
S-104	DYAH	5,24	7,26
S-105	WATI	5,70	5,71
S-106	IKA	8,57	5,87
S-107	EKO	7,70	7,71
S-108	YANTO	6,60	5,70
S-109	WAWAN	9,00	8,12
S-110	MAHMUD	9,81	9,58

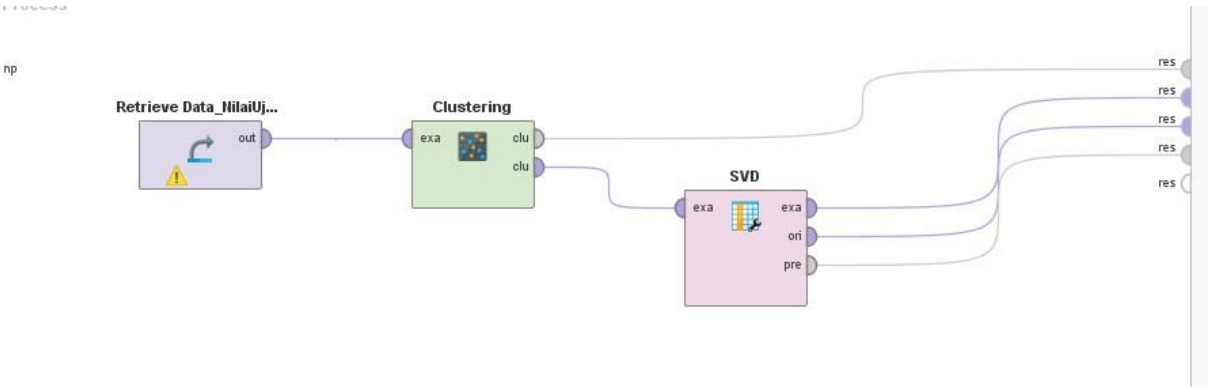


Row No.	NAMA	B.IND	B.ING
1	JOKO	8.540	8.400
2	AGUS	9.980	6.810
3	SUSI	6.200	9.150
4	DYAH	5.240	7.260
5	WATI	5.700	5.710
6	IKA	8.570	5.870
7	EKO	7.700	7.710
8	YANTO	6.600	5.700
9	WAWAN	9	8.120
10	MAHMUD	9.810	9.580

Tambahkan operator –means. Hubungkan output operator retrieve ke entry exa operator ini dan output clu(cluster model) dihubungkan ke connector res panel. Ubah nilai parameter k =3 pada operator ini .

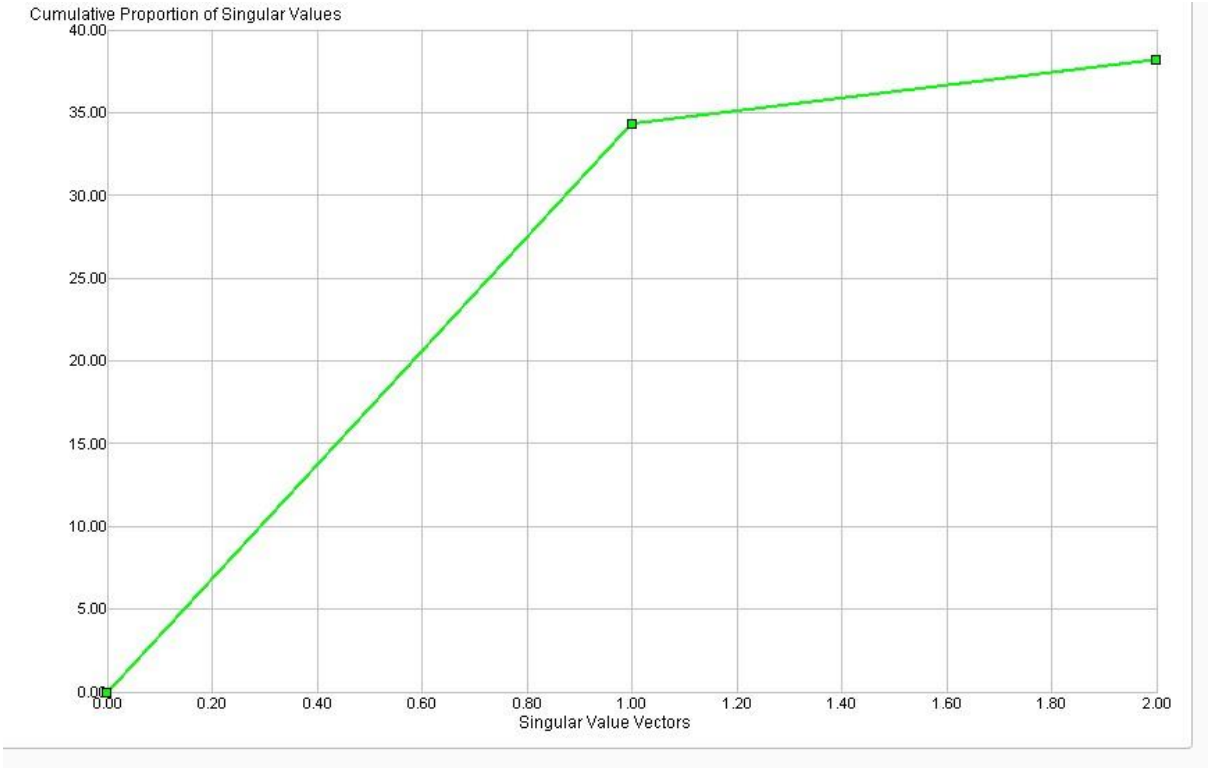


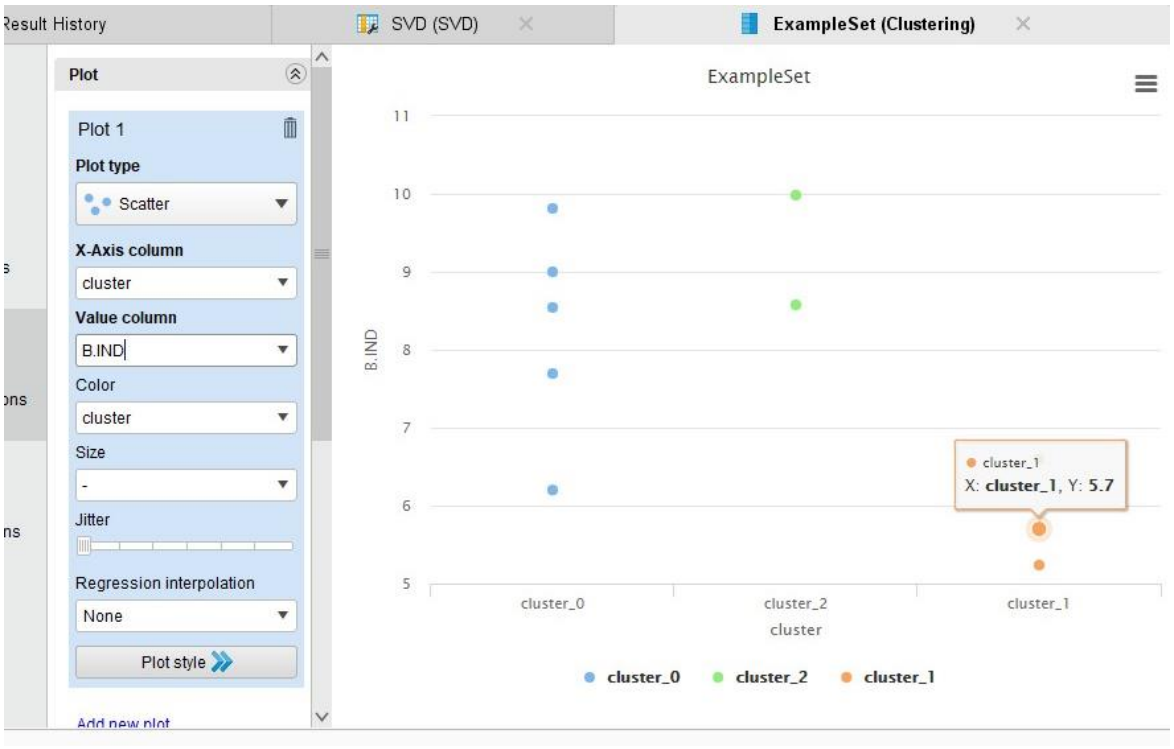
Tambahkan operator SVD. Lalu hubungkan output clu ke-2 operator clustering (k-means) kedalam entry exa operator SVD dan 3 port output exa,ori, dan pre terhadap konektor

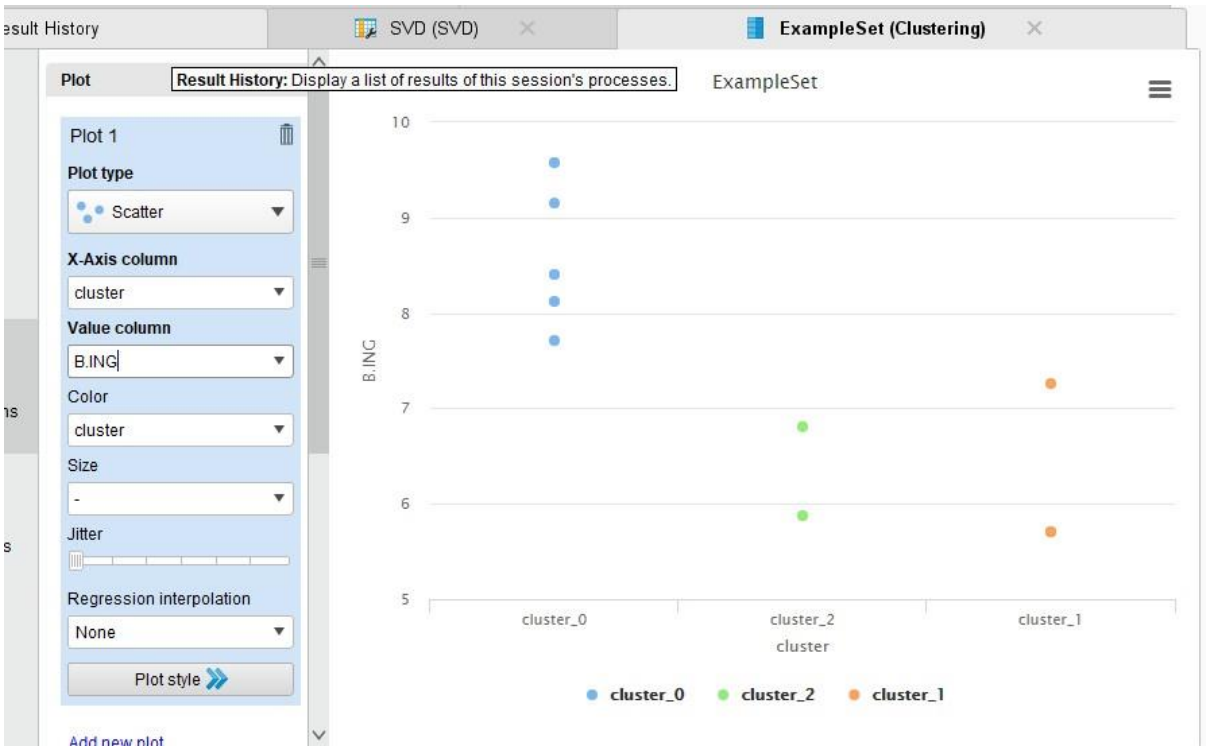


SVD (SVD) | ExampleSet (Clustering) | ExampleSet (SVD)

Attribute	SVD Vector 1
B.IND	0.723
B.ING	0.690




Result History
SVD (SVD)
ExampleSet (Clustering)
Plot
Plot 1
Plot type
Scatter
X-Axis column
cluster
Value column
B.IND
Color
cluster
Size
-
Jitter
Regression interpolation
None
Plot style
Add new plot
ExampleSet
B.IND
11
10
9
8
7
6
5
cluster_1
X: cluster_1, Y: 5.7
cluster_0
cluster_2
cluster_1
cluster
cluster_0
cluster_2
cluster_1


esult History
SVD (SVD)
ExampleSet (Clustering)
Plot
Result History: Display a list of results of this session's processes.
Plot 1
Plot type
Scatter
X-Axis column
cluster
Value column
B.ING
Color
cluster
Size
-
Jitter
Regression interpolation
None
Plot style
Add new plot
ExampleSet
B.ING
10
9
8
7
6
5
cluster_0
cluster_2
cluster_1
cluster
cluster_0
cluster_2
cluster_1

ExampleSet (SVD)

Open in Turbo Prep Auto Model

Row No.	NAMA	cluster	svd_1
1	JOKO	cluster_0	0.349
2	AGUS	cluster_2	0.347
3	SUSI	cluster_0	0.315
4	DYAH	cluster_1	0.256
5	WATI	cluster_1	0.235
6	IKA	cluster_2	0.299
7	EKO	cluster_0	0.317
8	YANTO	cluster_1	0.254
9	WAWAN	cluster_0	0.353
10	MAHMUD	cluster_0	0.399

Cluster Model

```
Cluster 0: 5 items
Cluster 1: 3 items
Cluster 2: 2 items
Total number of items: 10
```