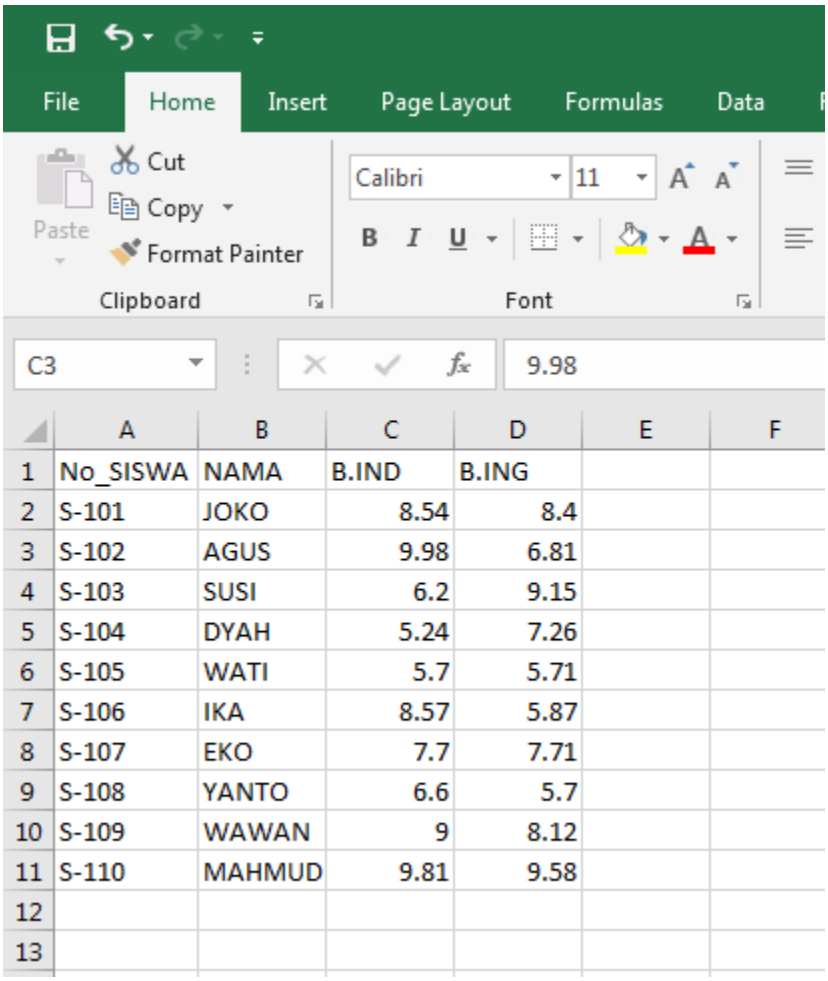
Nama : Mochammad Itmamul Wafa

NIM : L200170184

Kelas : F

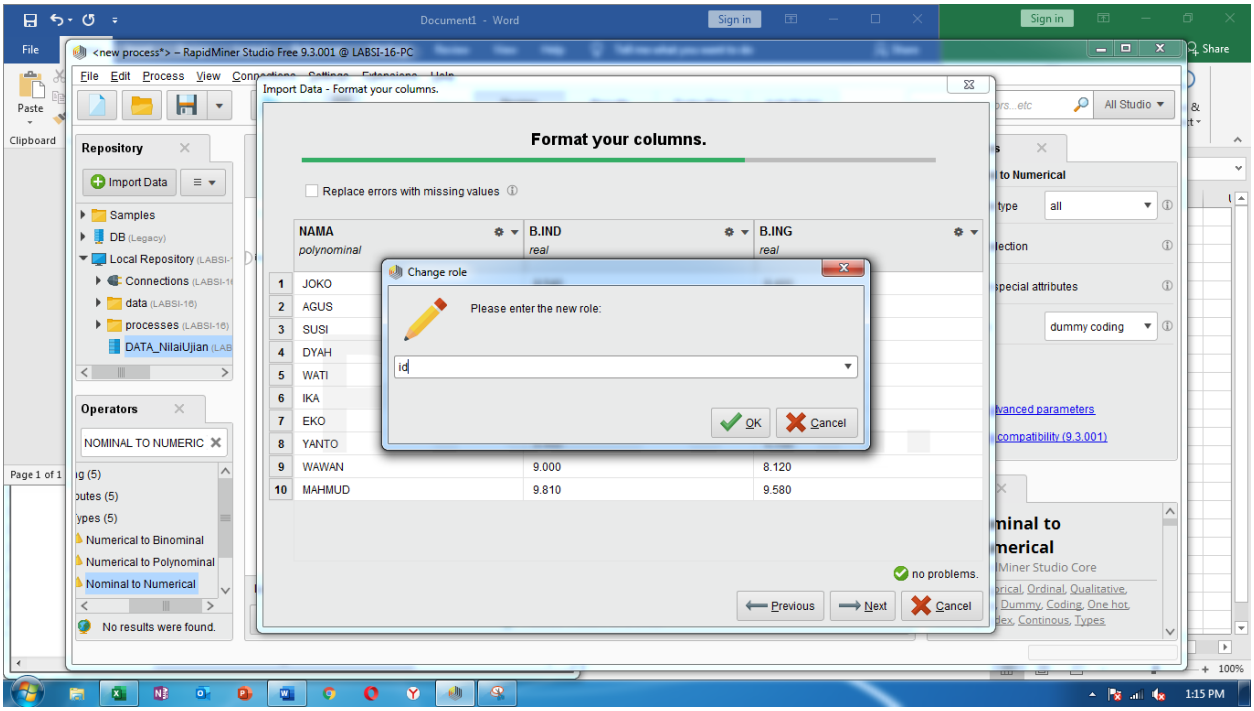
Laporan Langkah-langkah praktikum modul10

1. Buat data dan dissave dengan nama Table_NilaiUjian

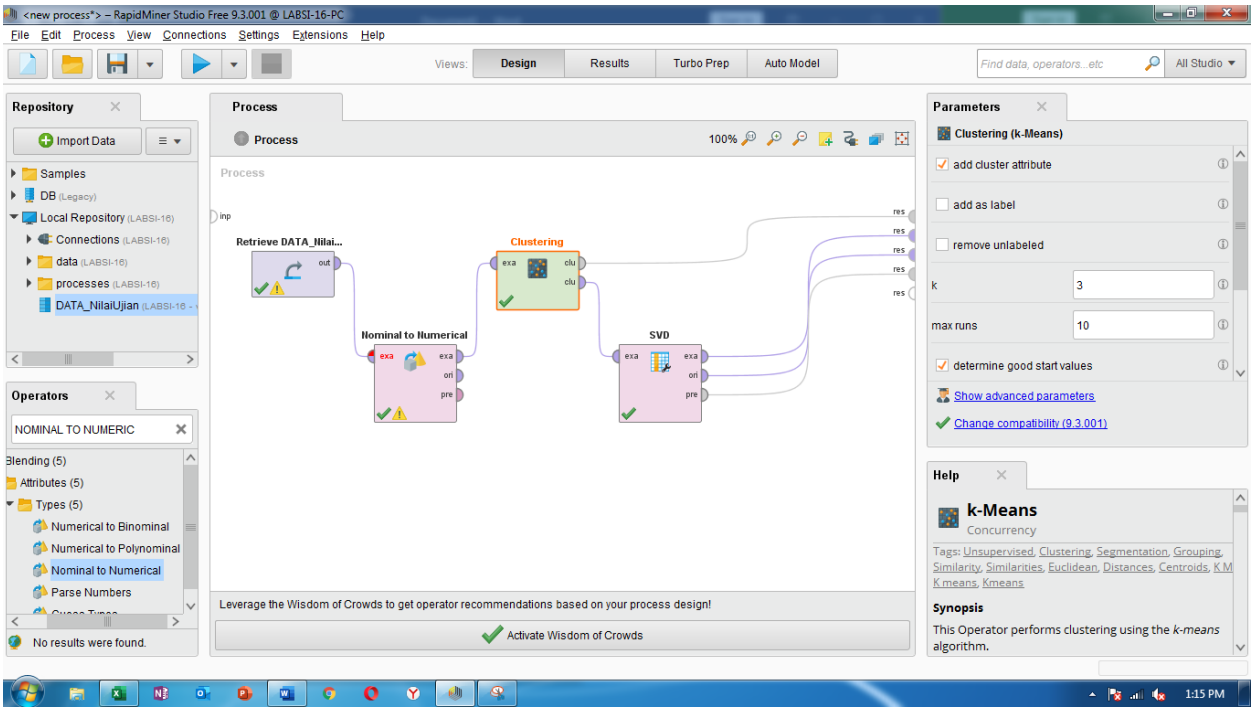


	A	B	C	D	E	F
1	No_SISWA	NAMA	B.IND	B.ING		
2	S-101	JOKO	8.54	8.4		
3	S-102	AGUS	9.98	6.81		
4	S-103	SUSI	6.2	9.15		
5	S-104	DYAH	5.24	7.26		
6	S-105	WATI	5.7	5.71		
7	S-106	IKA	8.57	5.87		
8	S-107	EKO	7.7	7.71		
9	S-108	YANTO	6.6	5.7		
10	S-109	WAWAN	9	8.12		
11	S-110	MAHMUD	9.81	9.58		
12						
13						

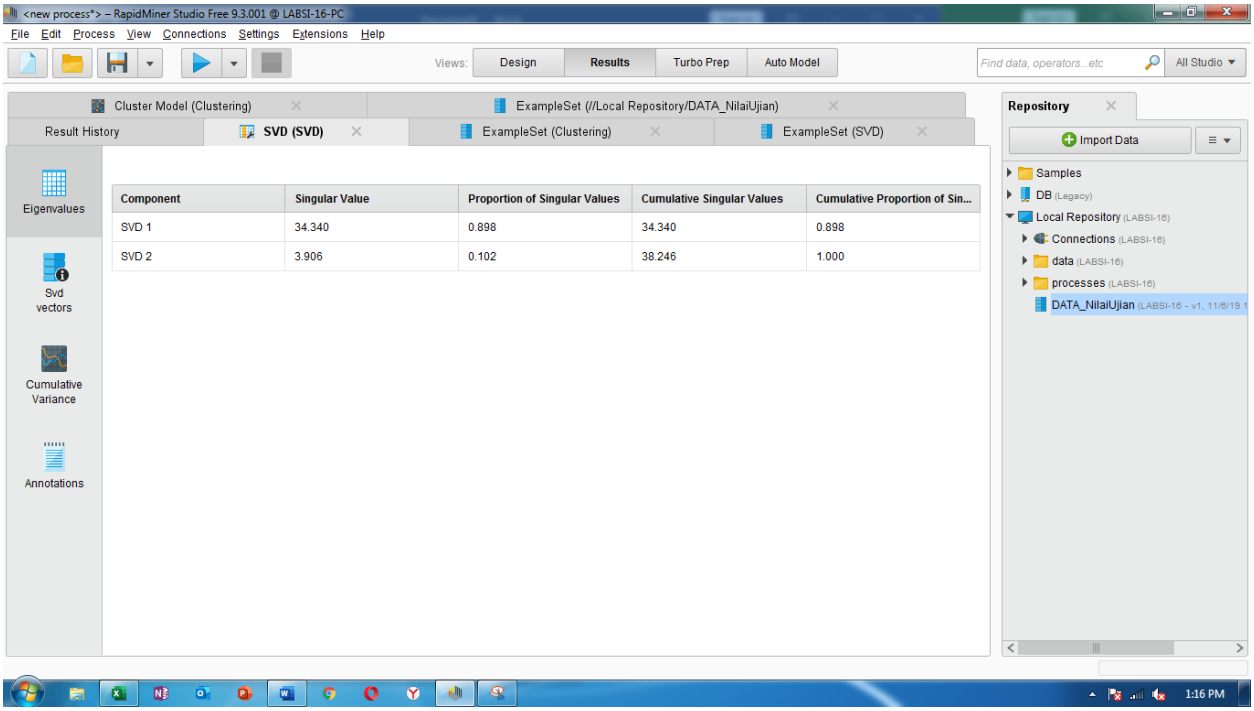
2. Buka aplikasi rapid manner lalu masukan data yang tadi dan blok antaran kolom NAMA sampai kolom B.ING. selanjutnya ubaghlah role pada Nama. Kemudian save dengan nama DATA_NilaiUjian.



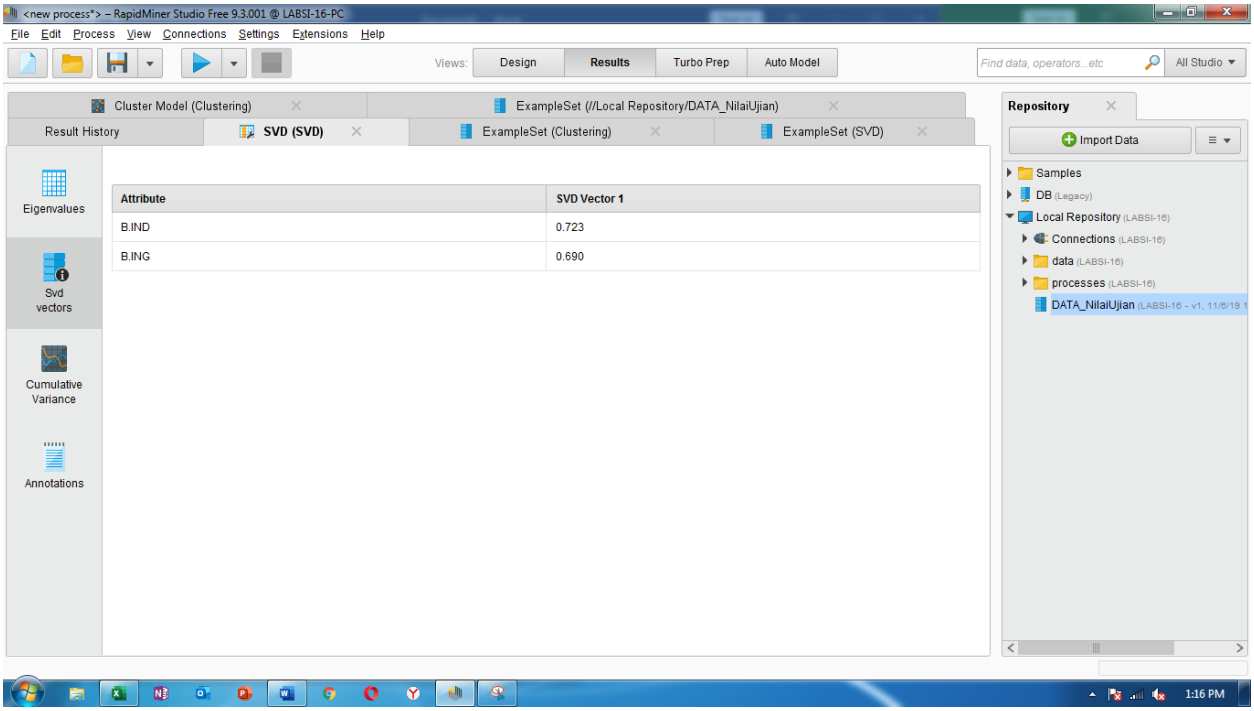
3. Tambahakan operator k-mens, SVD, sama Data_NilaiUjian jika error bias tambahkan operator nominal to numeric. Lalu ubahlah nilai K pada operator k-mens.



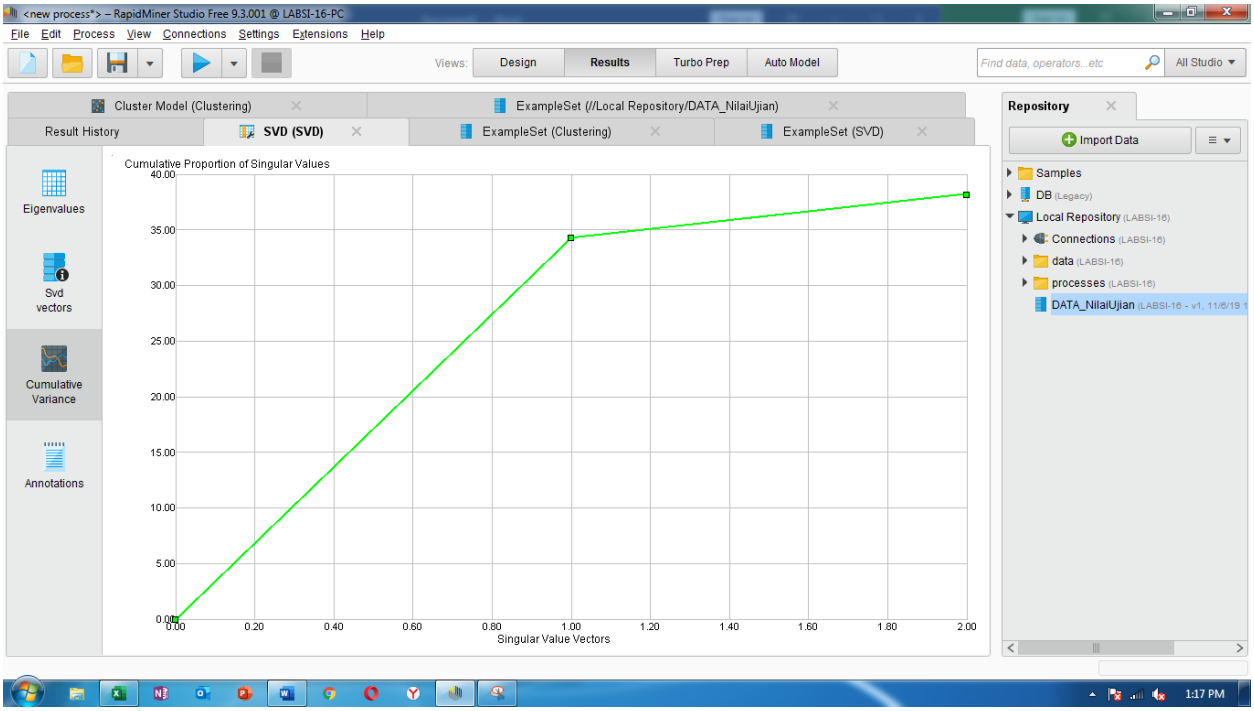
4. Hasil dari proses dengan algoritma K-Means
    a. SVD
        i. Nilai Eigenvalue



ii. Nilai svd vectors

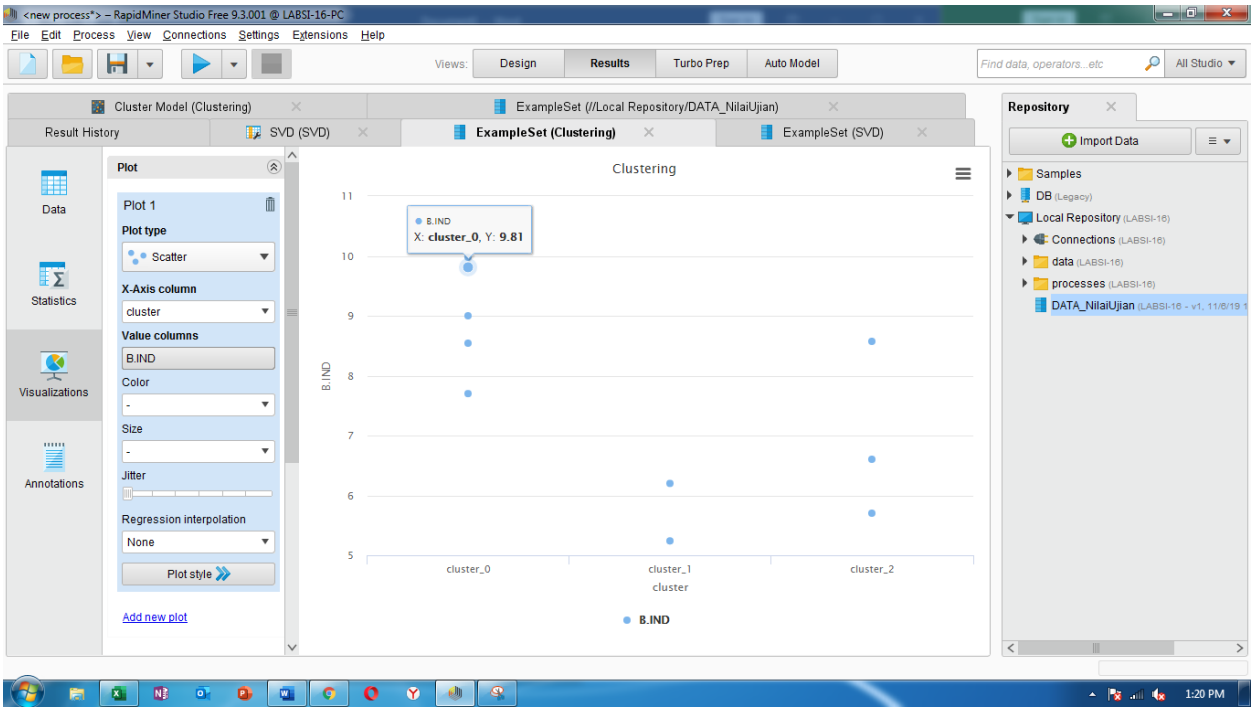


iii. Nilai cumulative variance

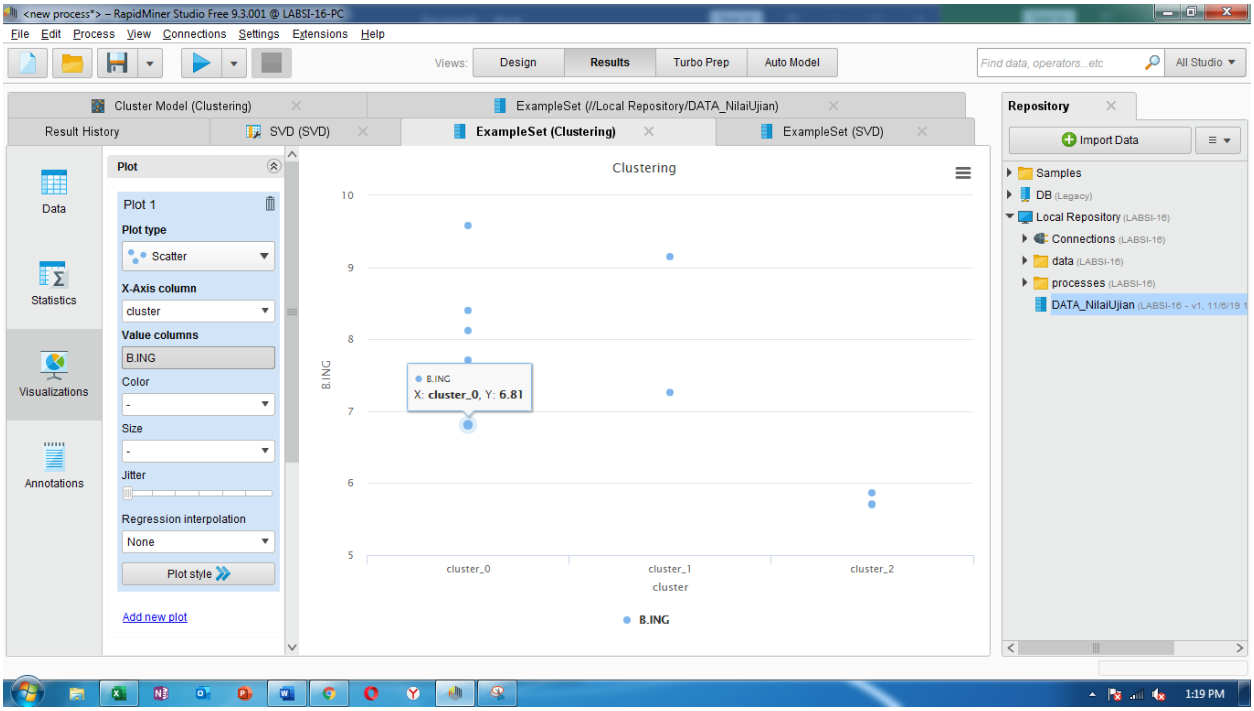


b. ExampleSet (K-Means)

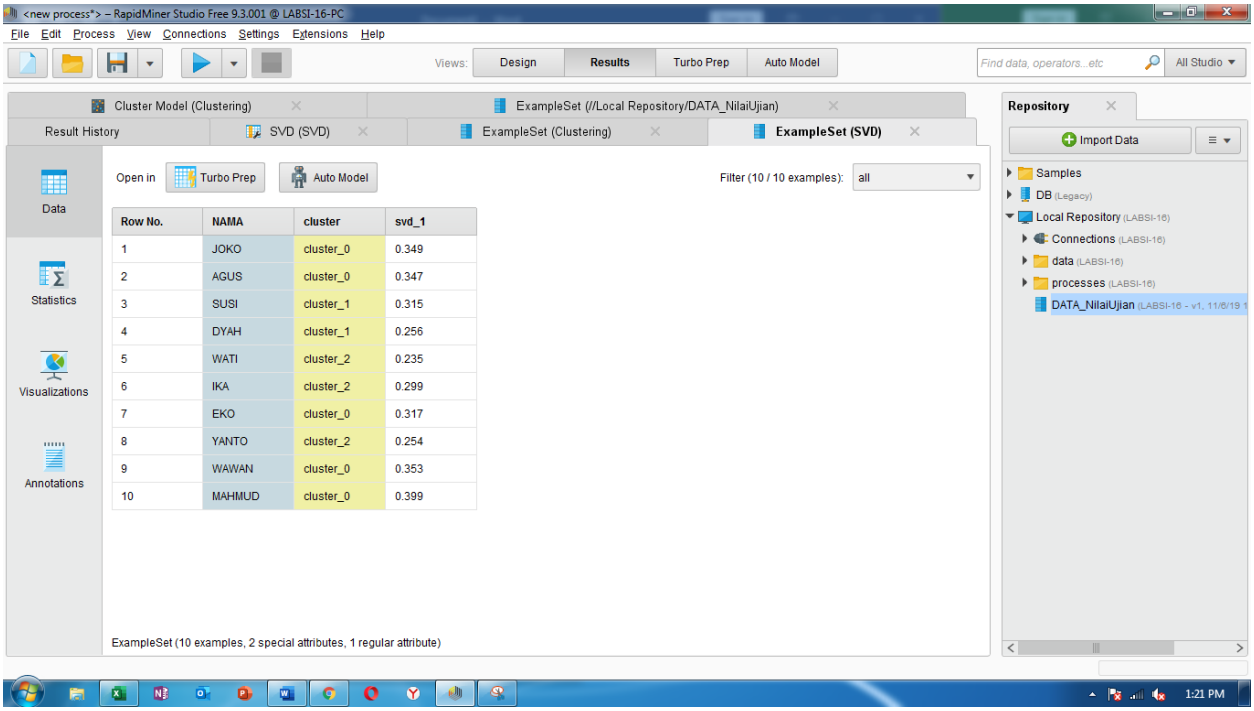
i. Kelompok siswa bidang B.IND



ii. Kelompok siswa bidang B.ING

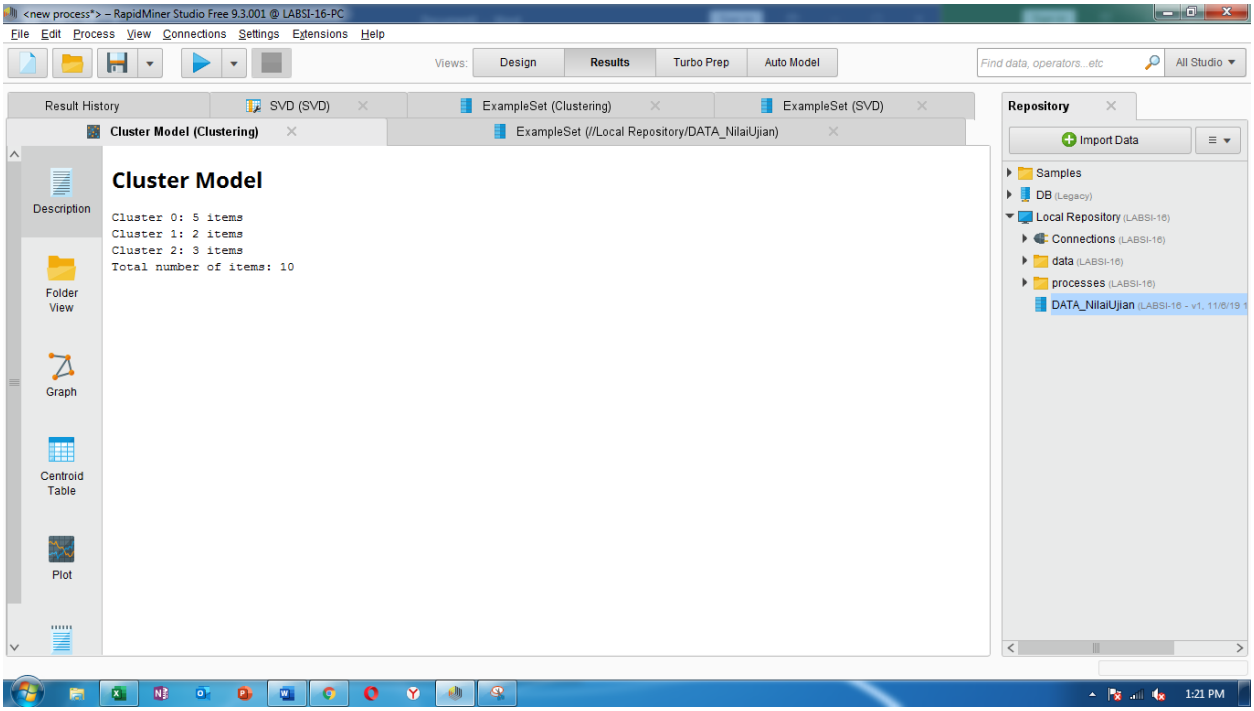


c. ExampleSet(SVD)

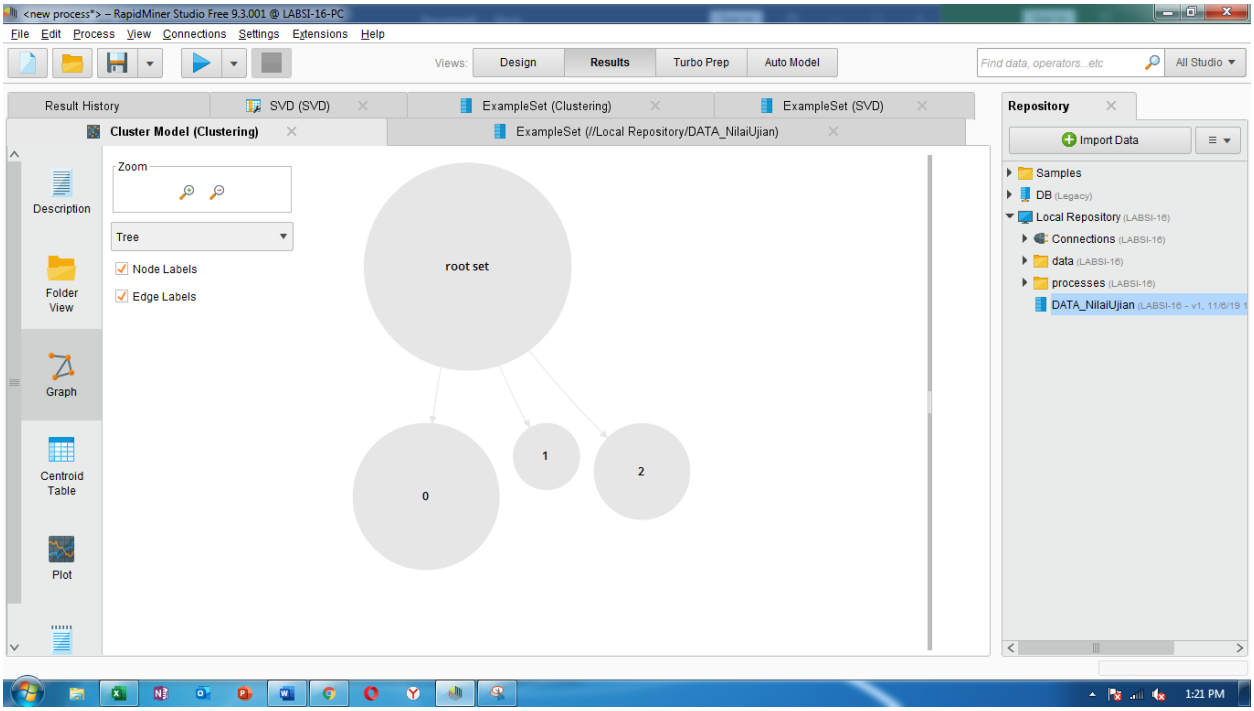


d. Cluster Model (clustering)

i. Description



ii. GRAPH



5. Intrepretasi hasil algoritma K-Means

G	H	I	J	K	L
CLUSTER	NO_SISWA	NAMA	B.IND	B.ING	
0	S-101	JOKO	8.54	8.4	
0	S-103	SUSI	6.2	9.15	
0	S-107	EKO	7.7	7.71	
0	S-109	WAWAN	9	8.12	
0	S-110	MAHMUD	9.81	9.58	
1	S-104	DYAH	5.24	7.26	
1	S-105	WATI	5.7	5.71	
1	S-108	YANTO	6.6	5.7	
2	S-102	AGUS	9.98	6.81	
2	S-106	IKA	8.57	5.87	