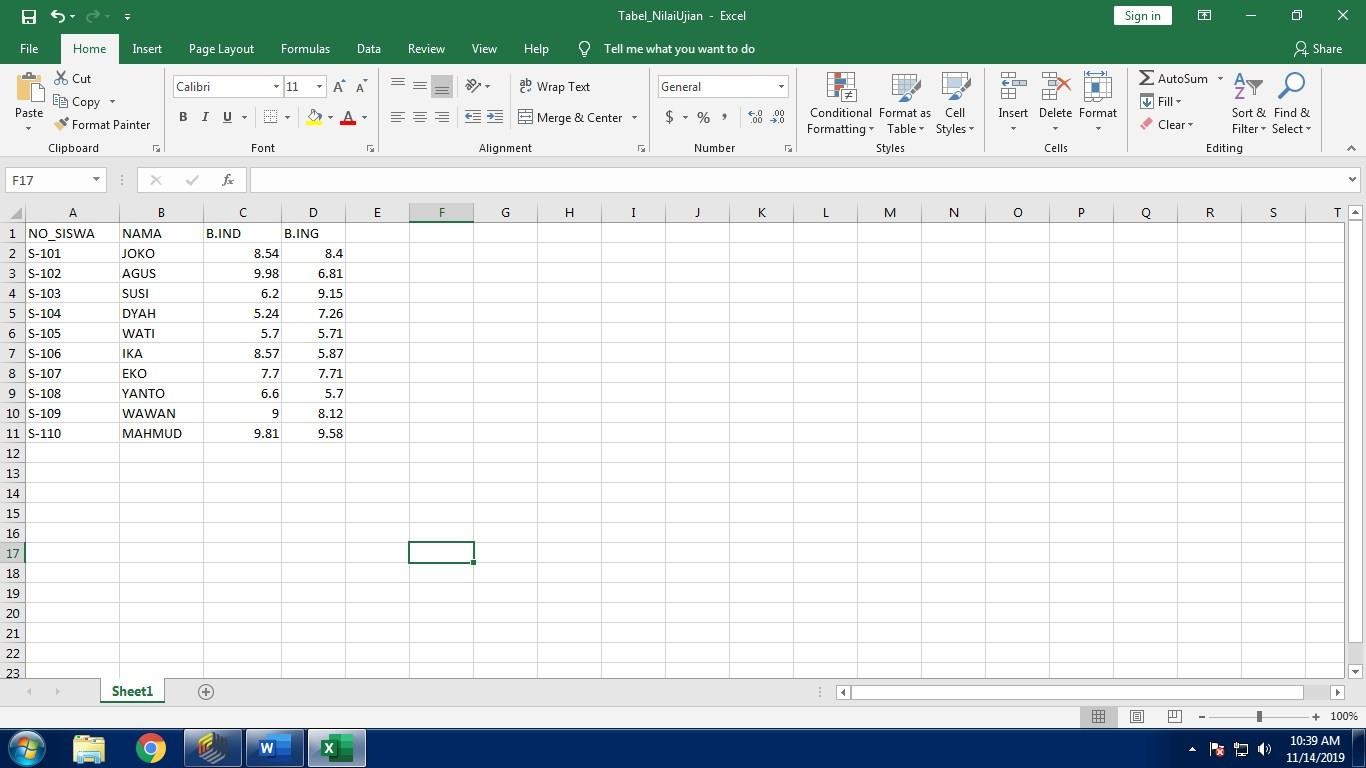
Nama : Aji Prastyo

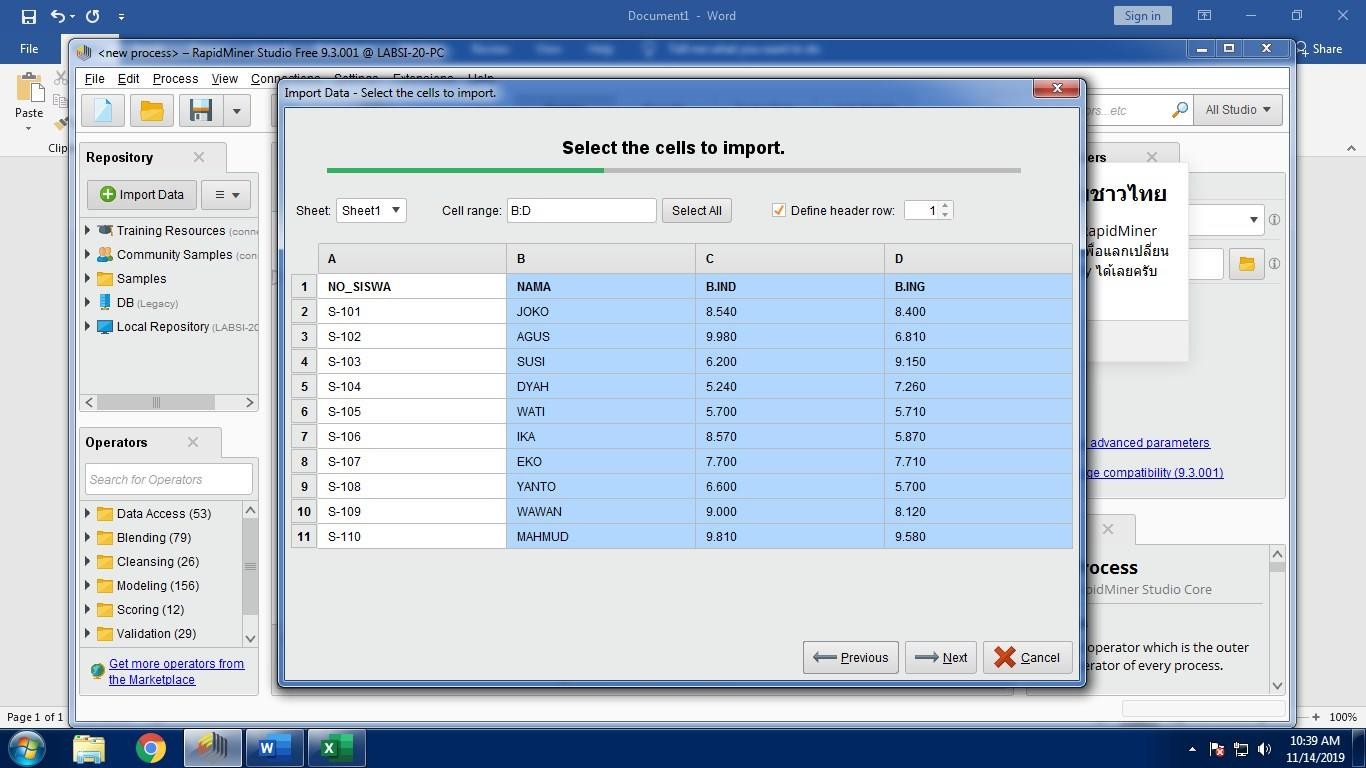
Nim : L200170082

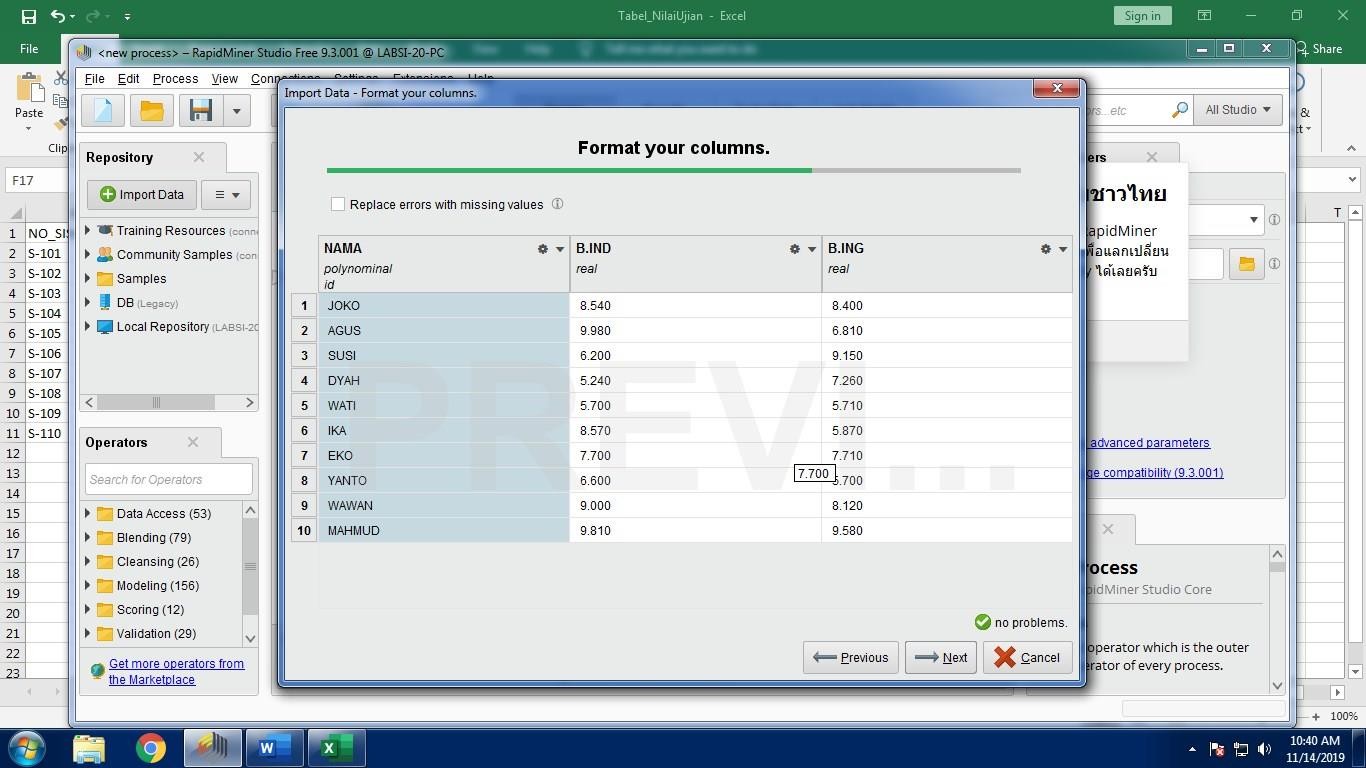
**MODUL 10**

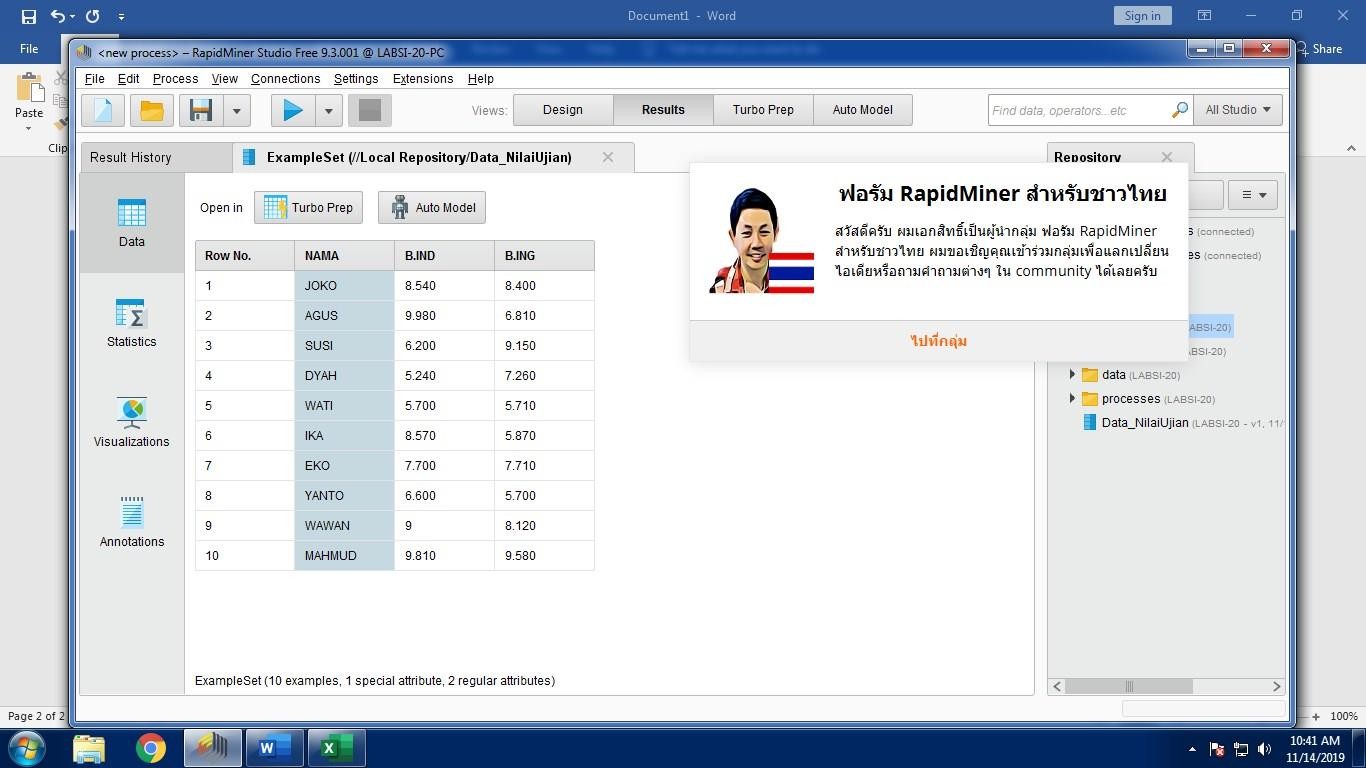
# KEGIATAN PRAKTIKUM

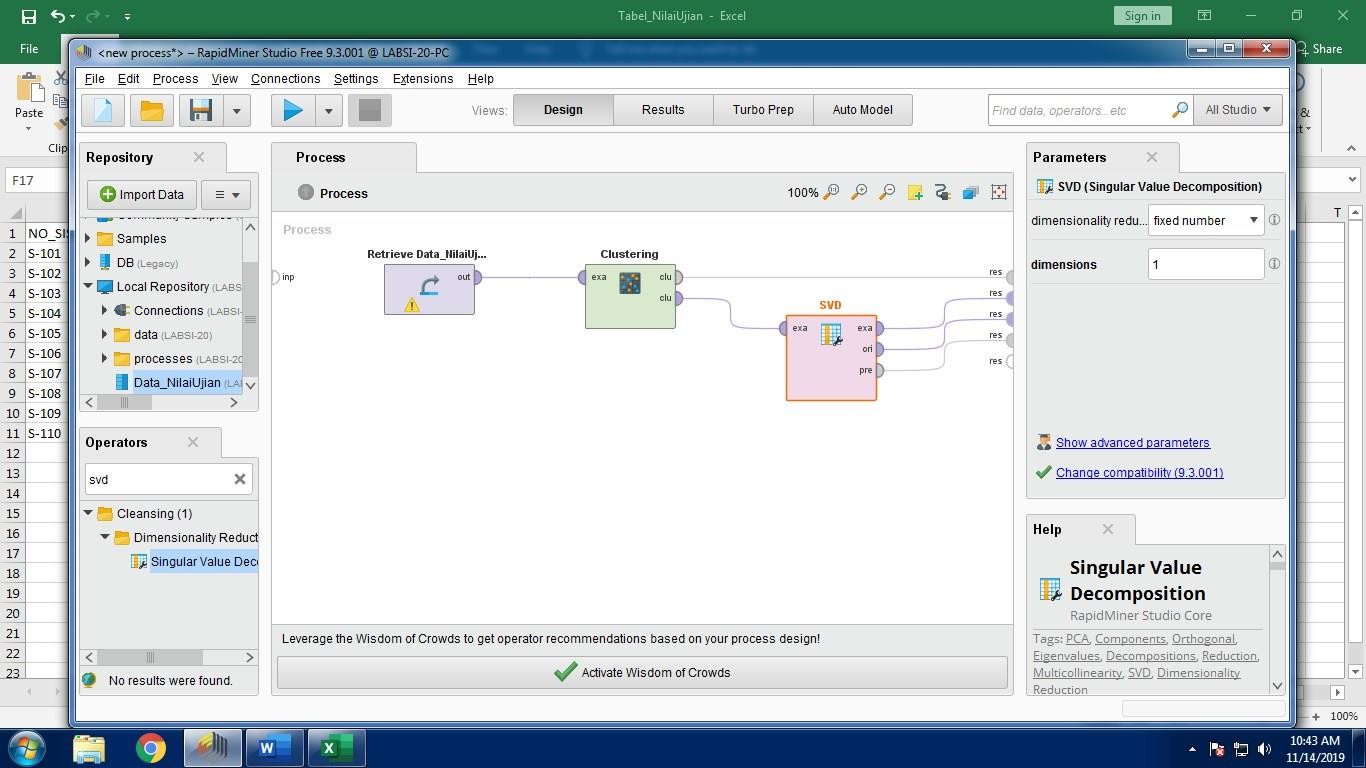
* Berikut table data nilai siswa :

Gunakan file Tabel\_NilaiUjian.xlxs sebagai data yang akan digunakan dalam proses Clustering. Lalu import ke dalam aplikasi RapidMiner.

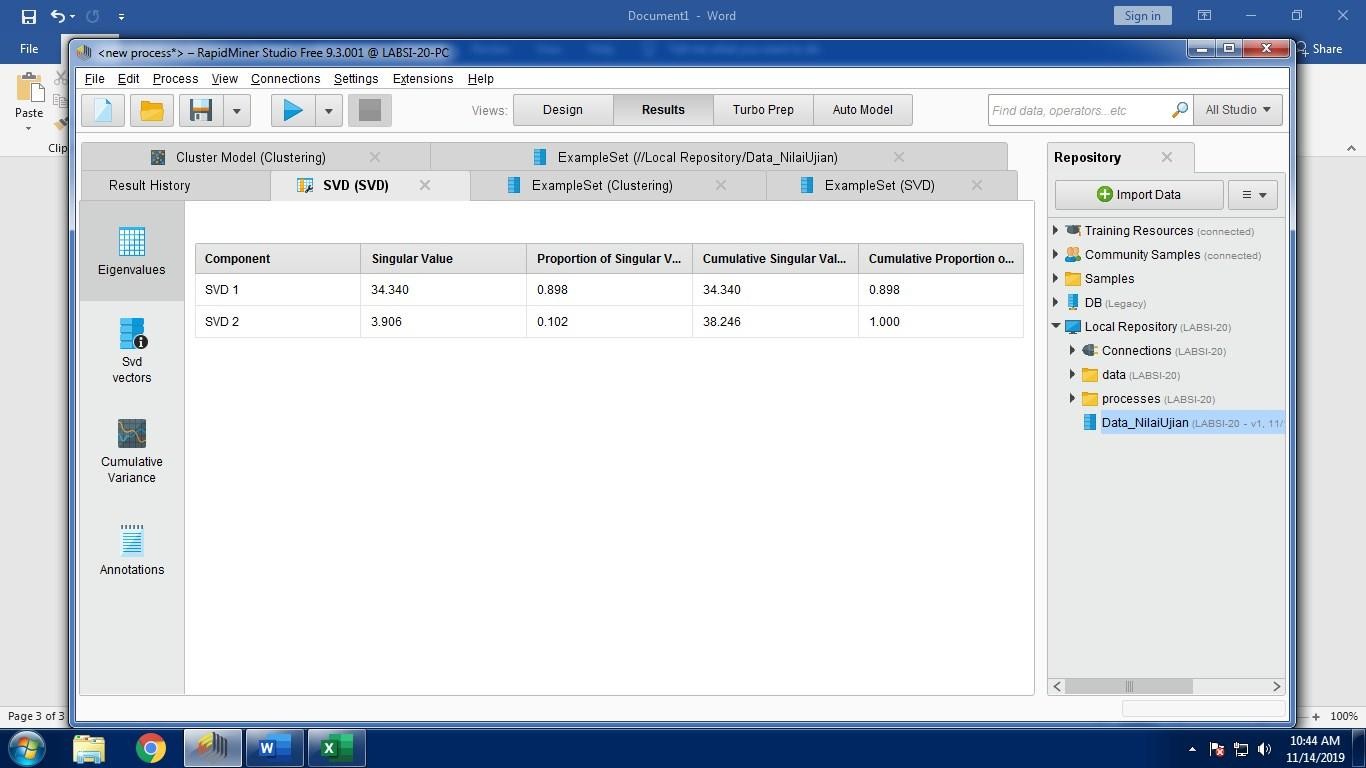




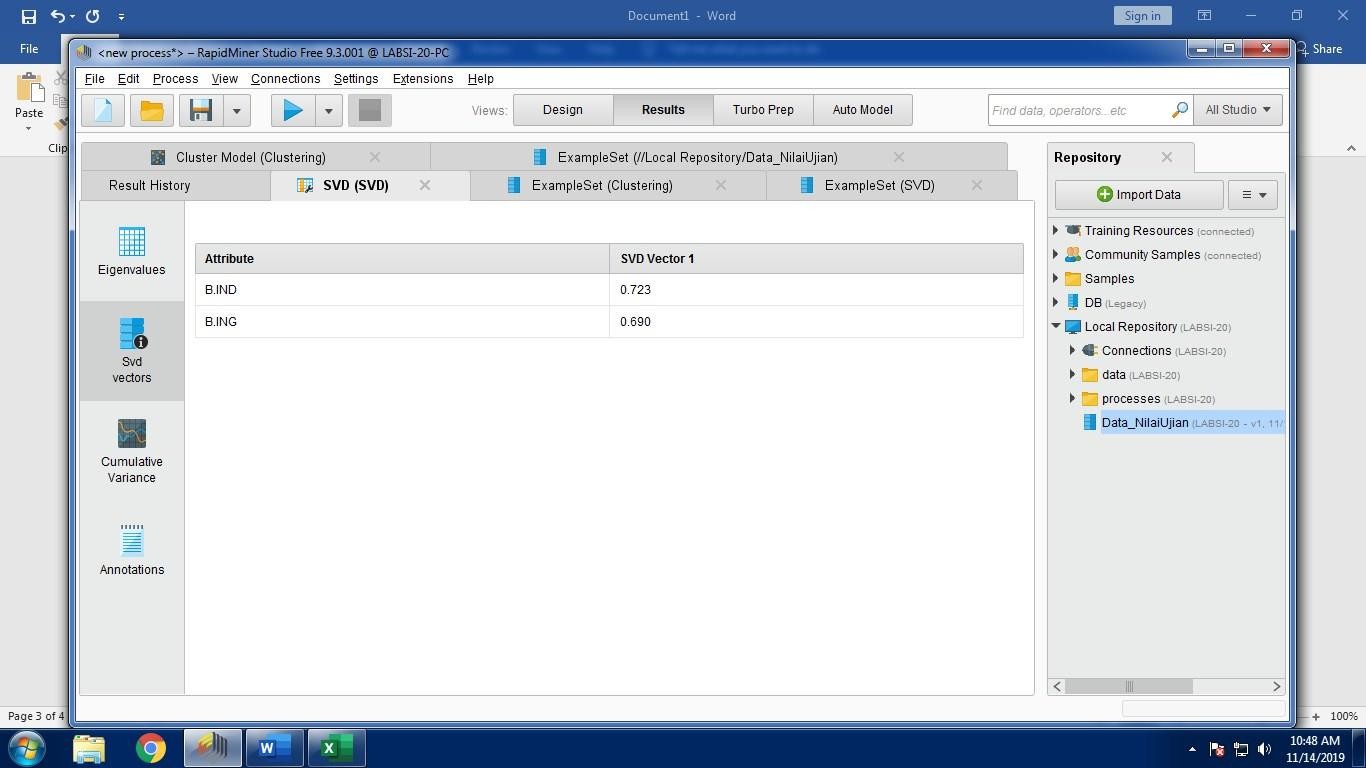


* Tambahkan operator k-Means. Lalu Jalankan dengan menekan tombol run (F11)

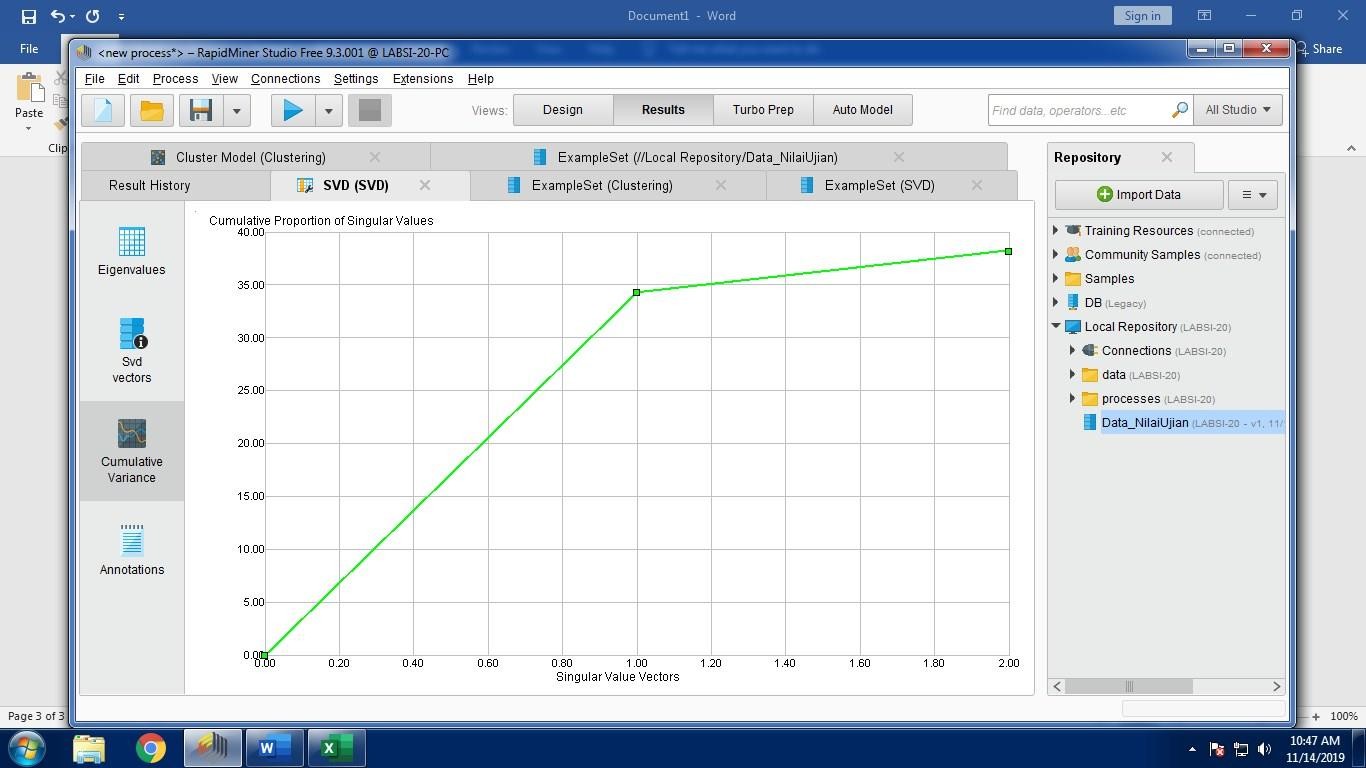
Nilai Eingenvalue



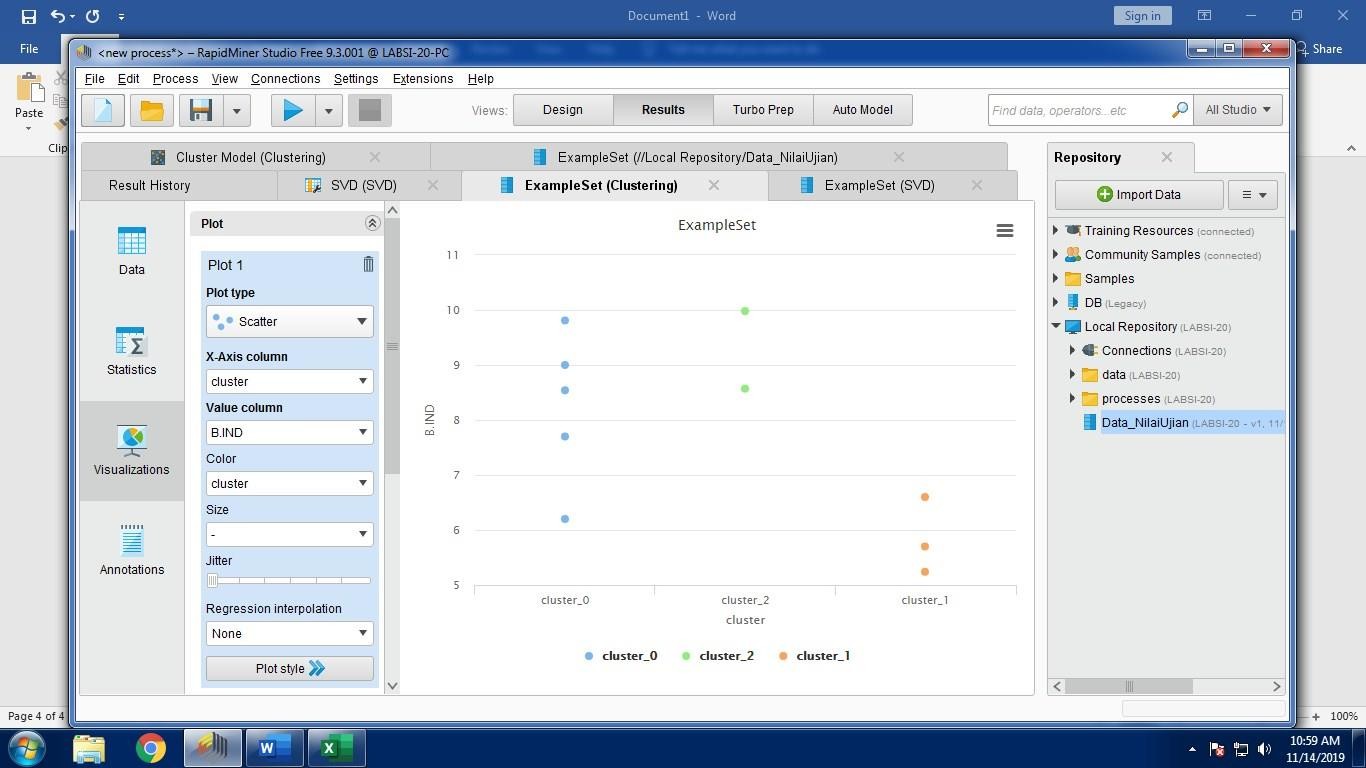
* Nilai Svd vectors



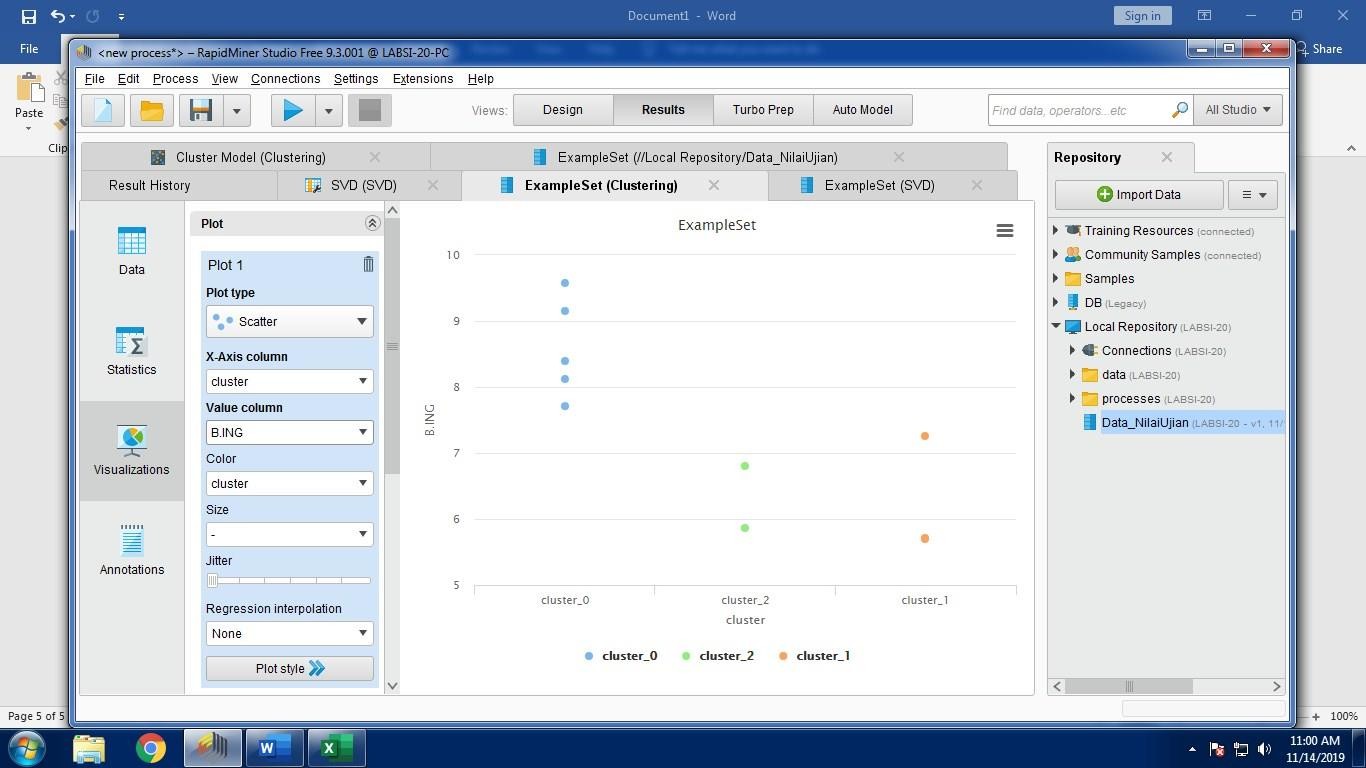
Nilai Cumulative Variance

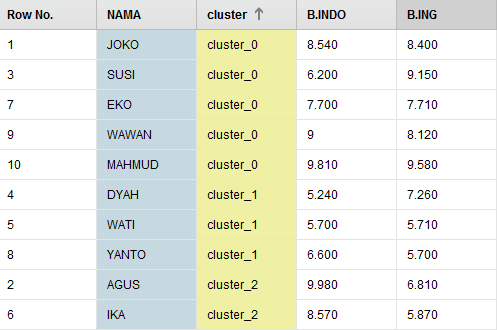


* + Kelompok siswa bidang B.indonesia



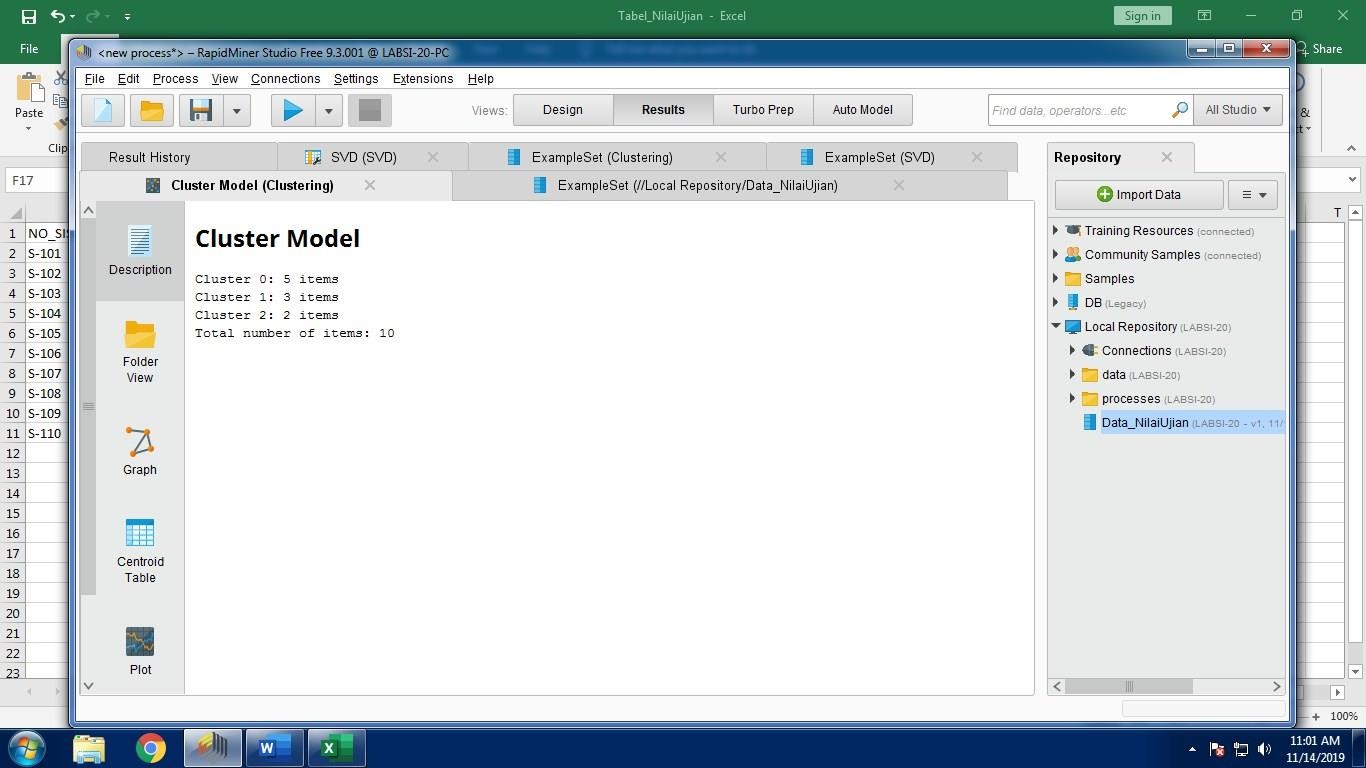
Kelompok siswa bidang B.inggris



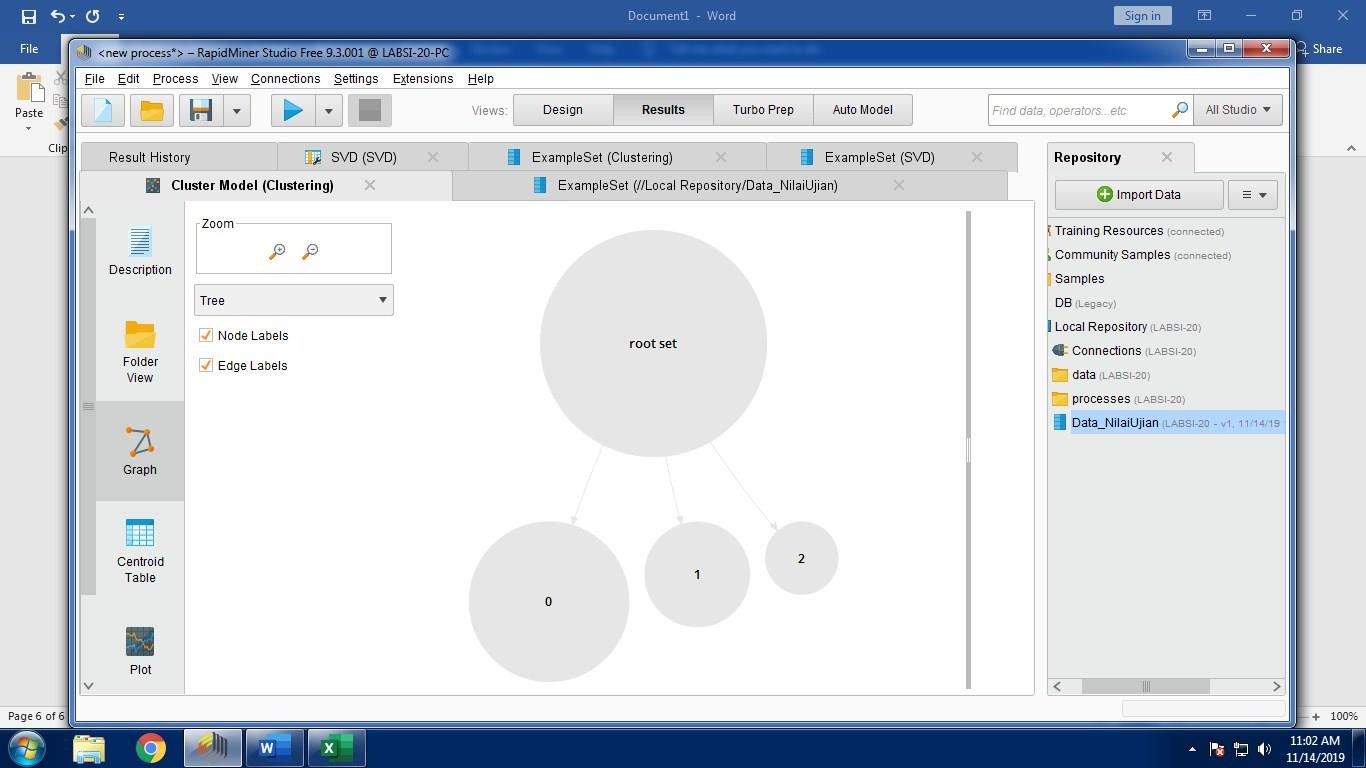
* + Kelompok masing-masing siswa yang dikelompokkan bedasarkan cluster 0, cluster 1, cluster 2.

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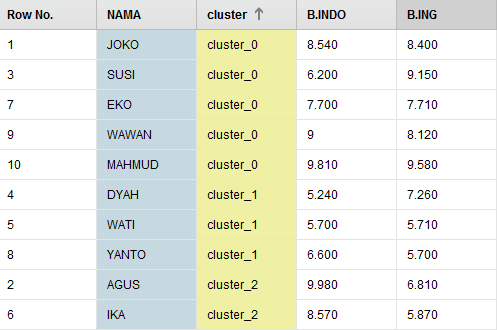
Description



* + Graph

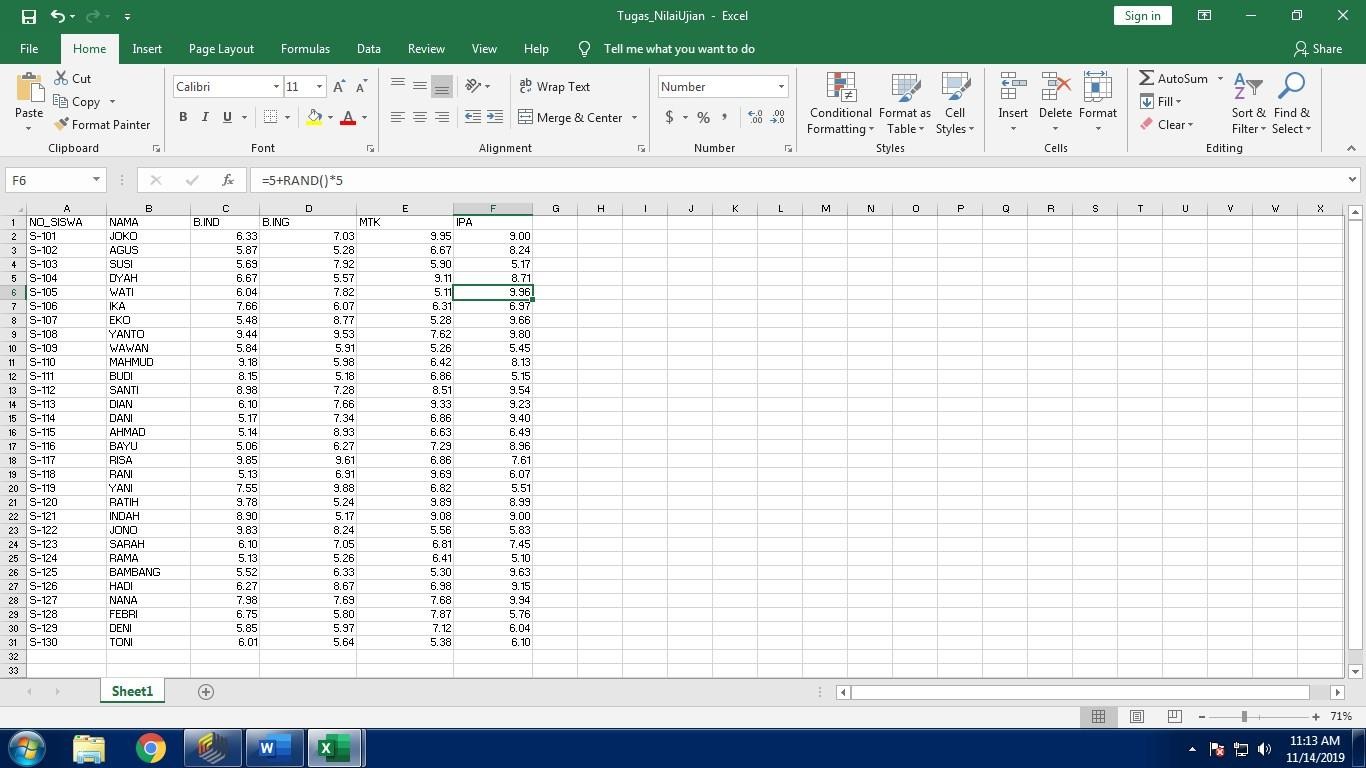


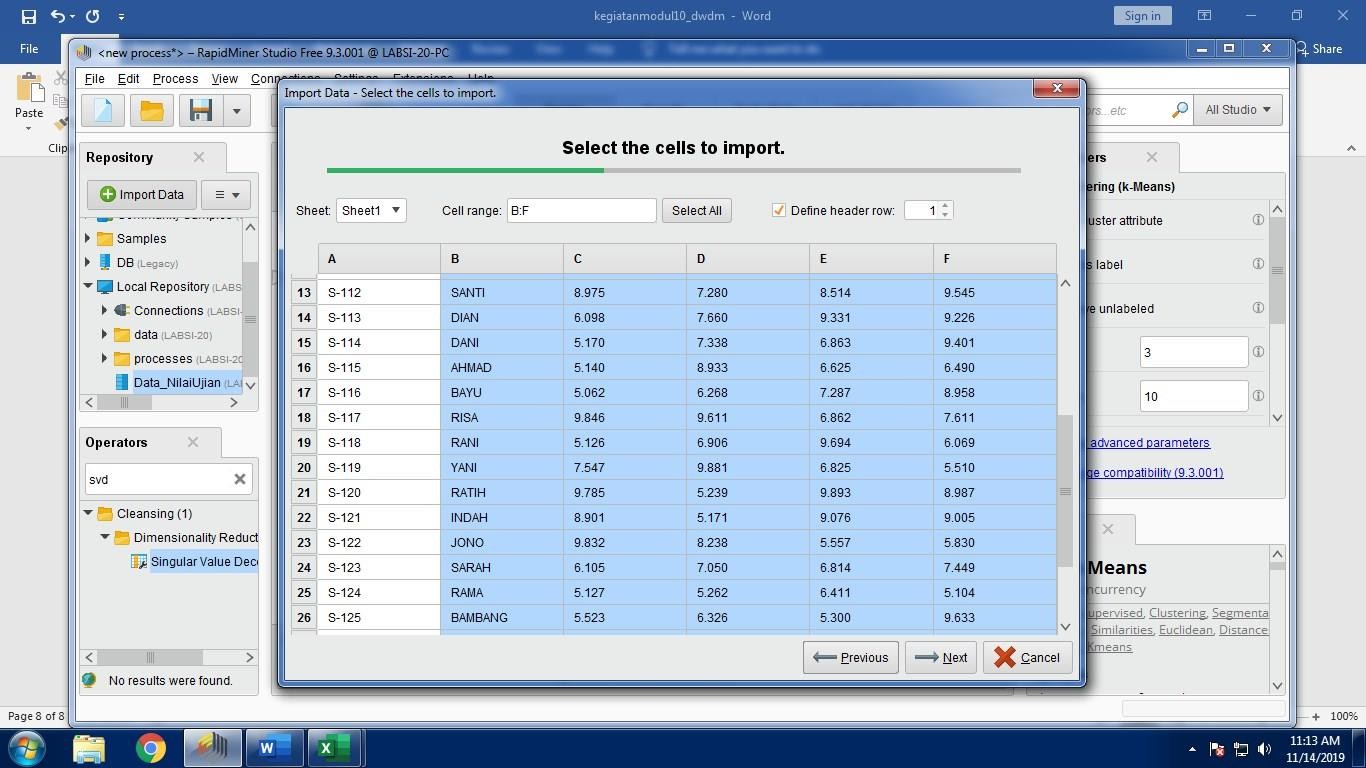
Kesimpulan :

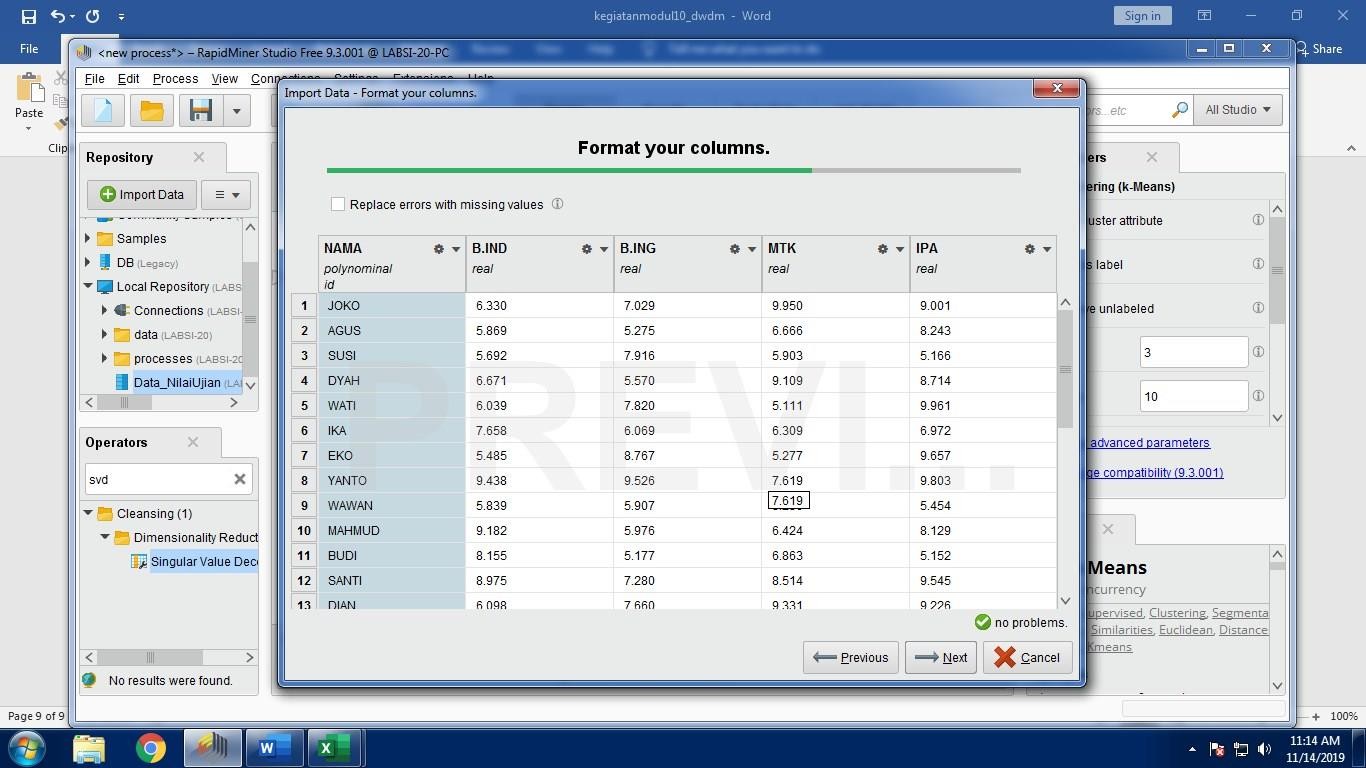


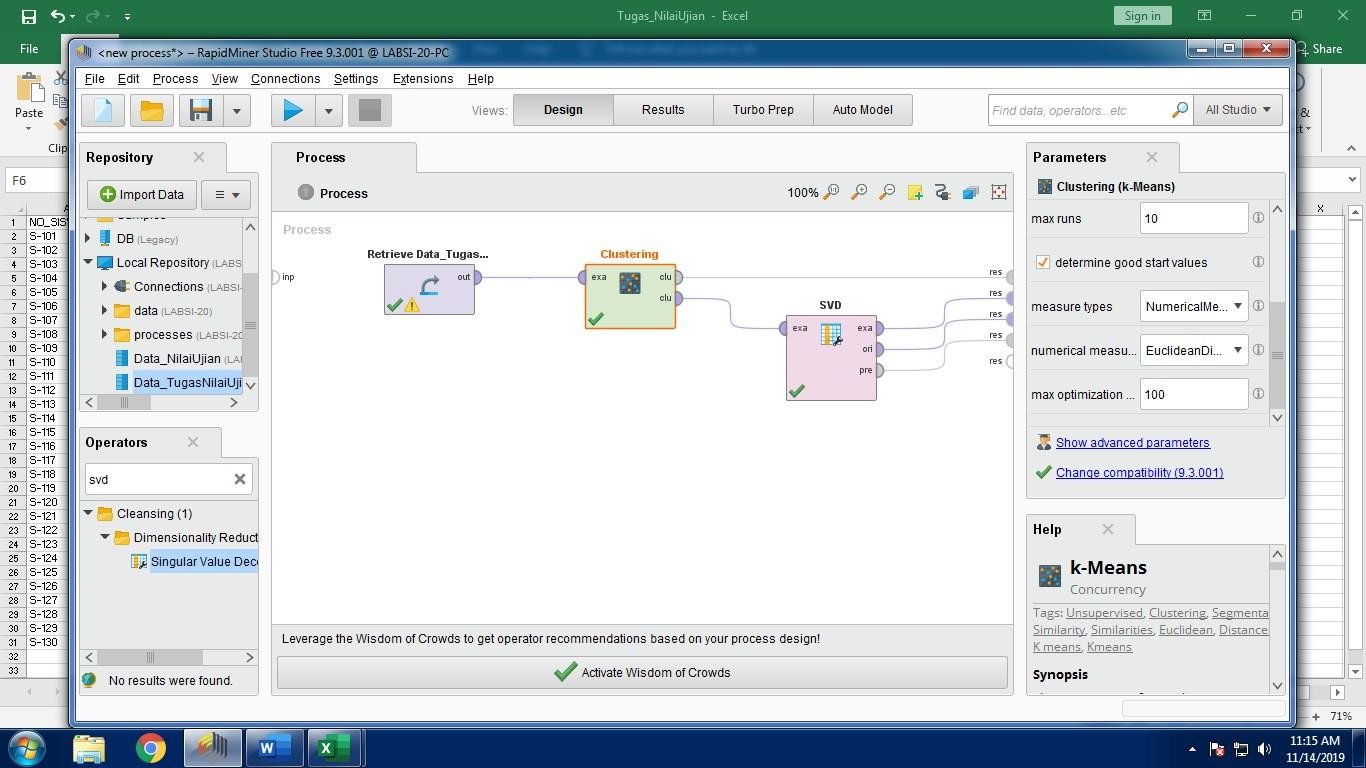
1. Cluster 2 yang diajukan untuk lomba olimpiade bidang B.Indonesia
2. Cluster 0 yang diajukan untuk lomba olimpiade bidang B.Inggris

# Tugas

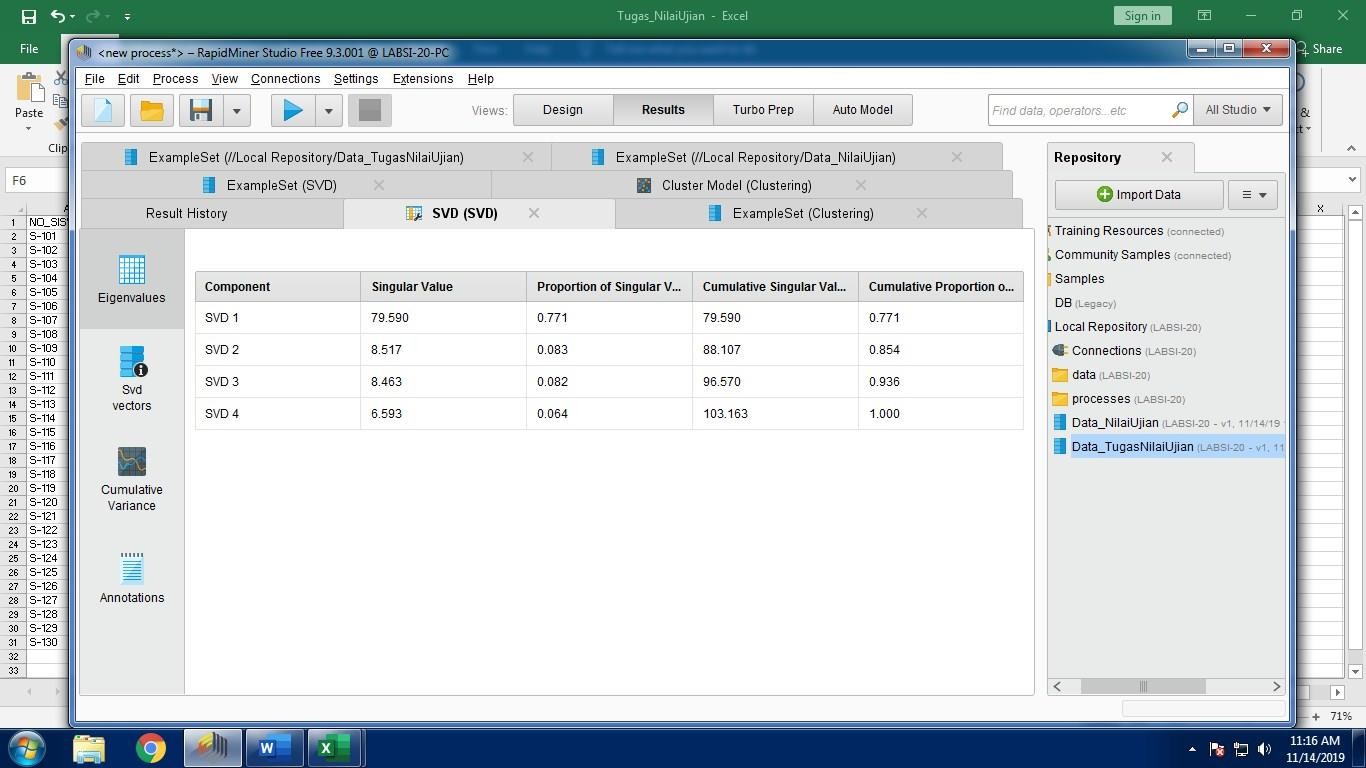
* Berikut adalah table siswa dan memasukkan nilai secara random dengan =5+RAND()\*5
* Gunakan file Tugas\_NilaiUjian.xlxs sebagai data yang akan digunakan dalam proses Clustering. Lalu import ke dalam aplikasi RapidMiner.



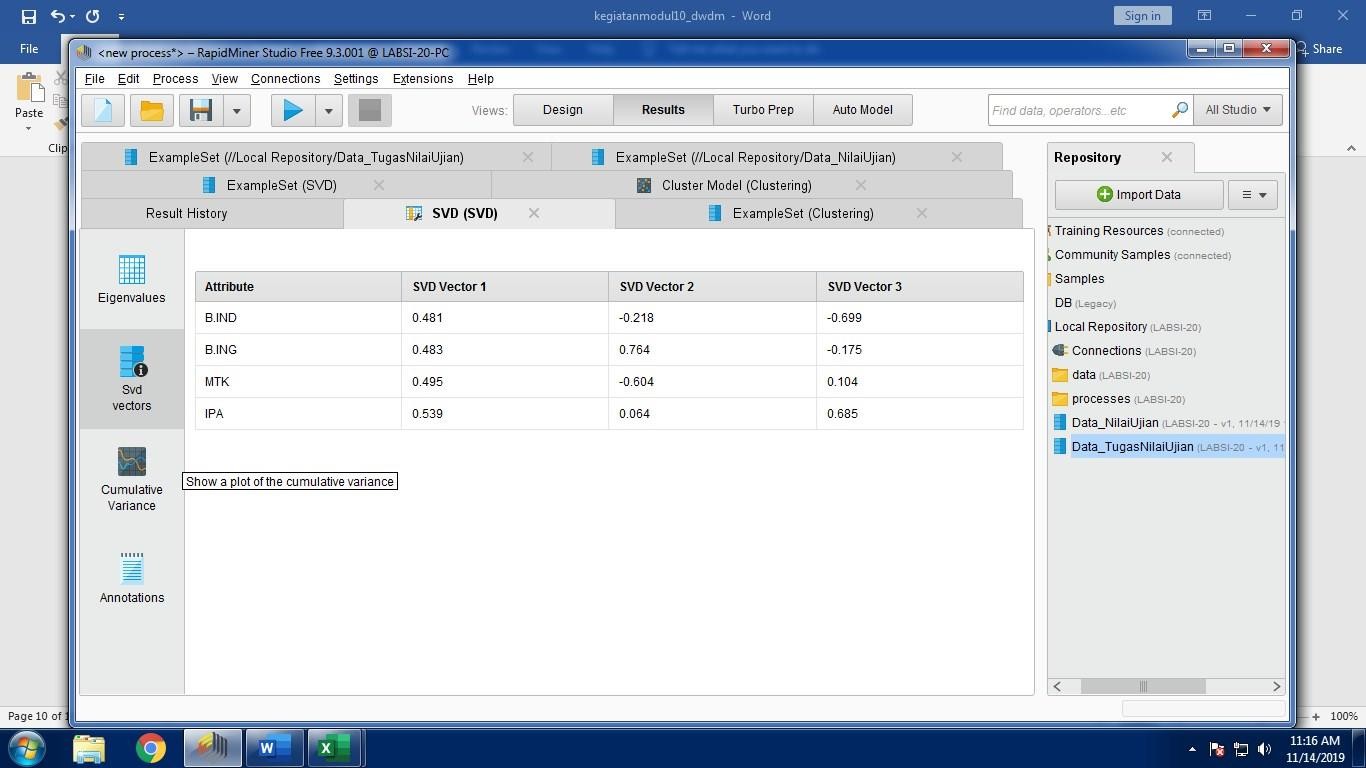


* Tambahkan operator k-Means. Lalu Jalankan dengan menekan tombol run (F11)

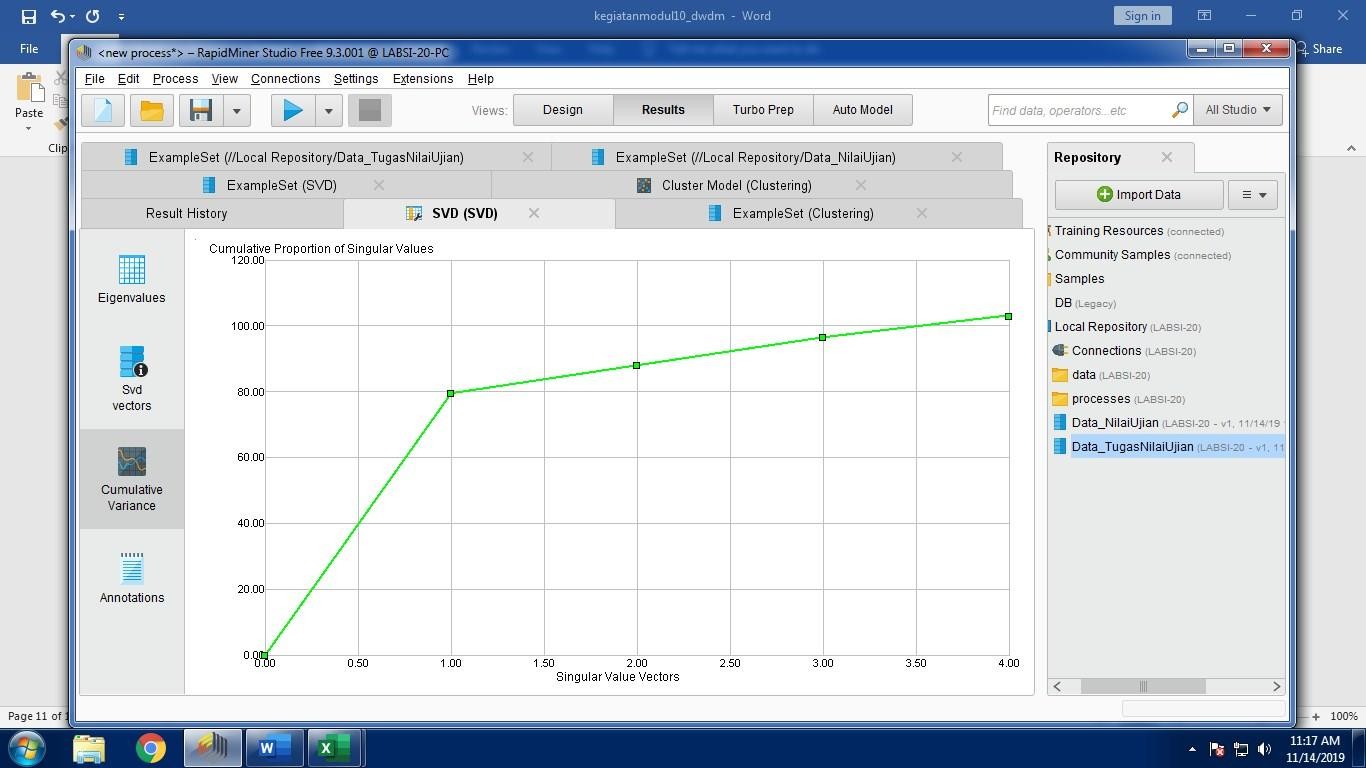
Nilai Eigenvalue



* Nilai Svd Vectors



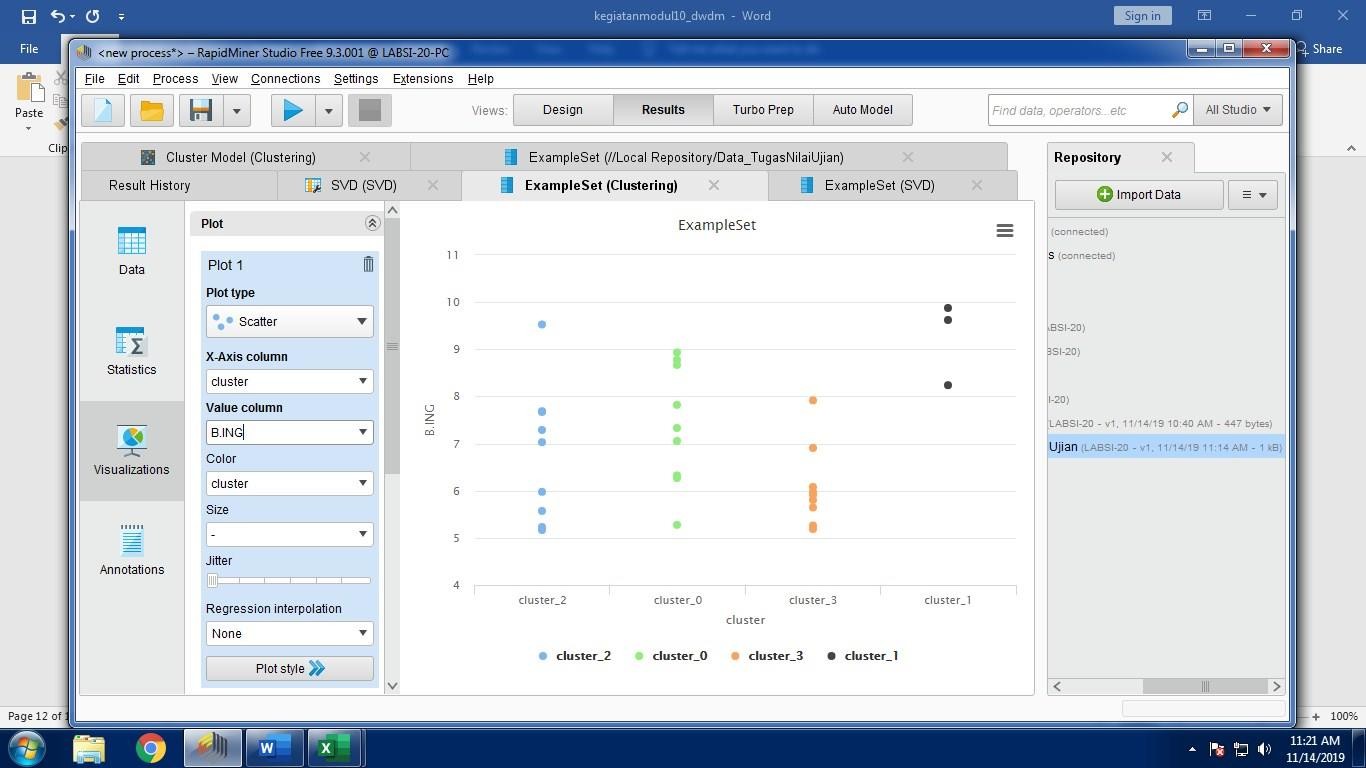
Nilai Cumulative Variance

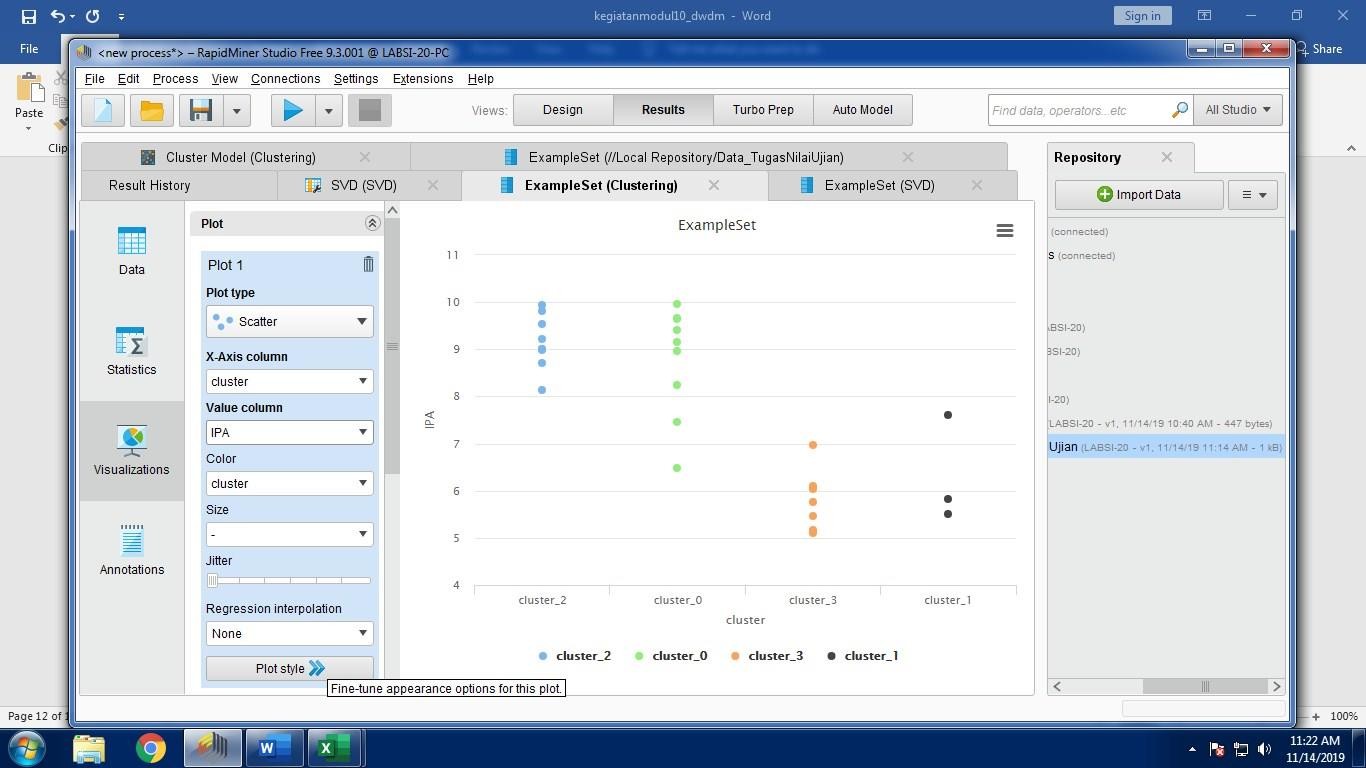


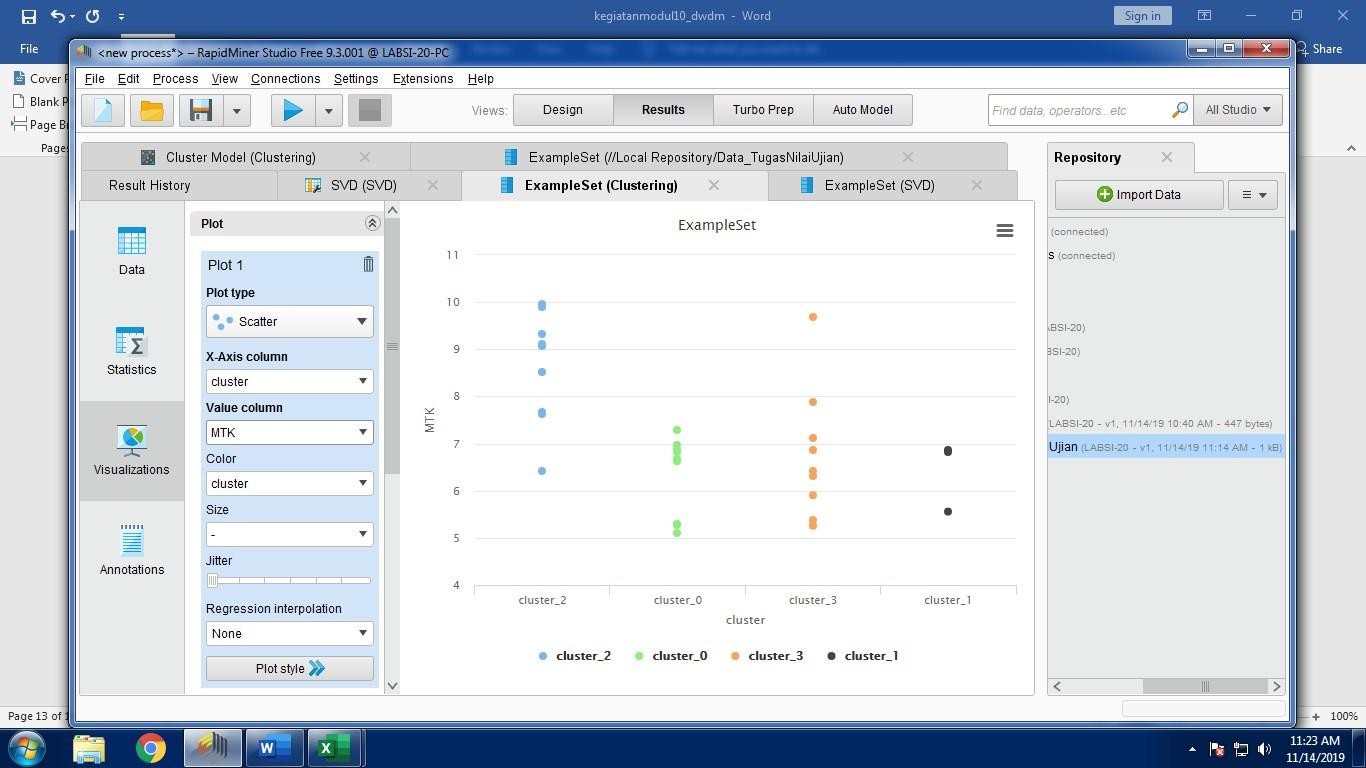
Kelompok siswa bidang B.INDO



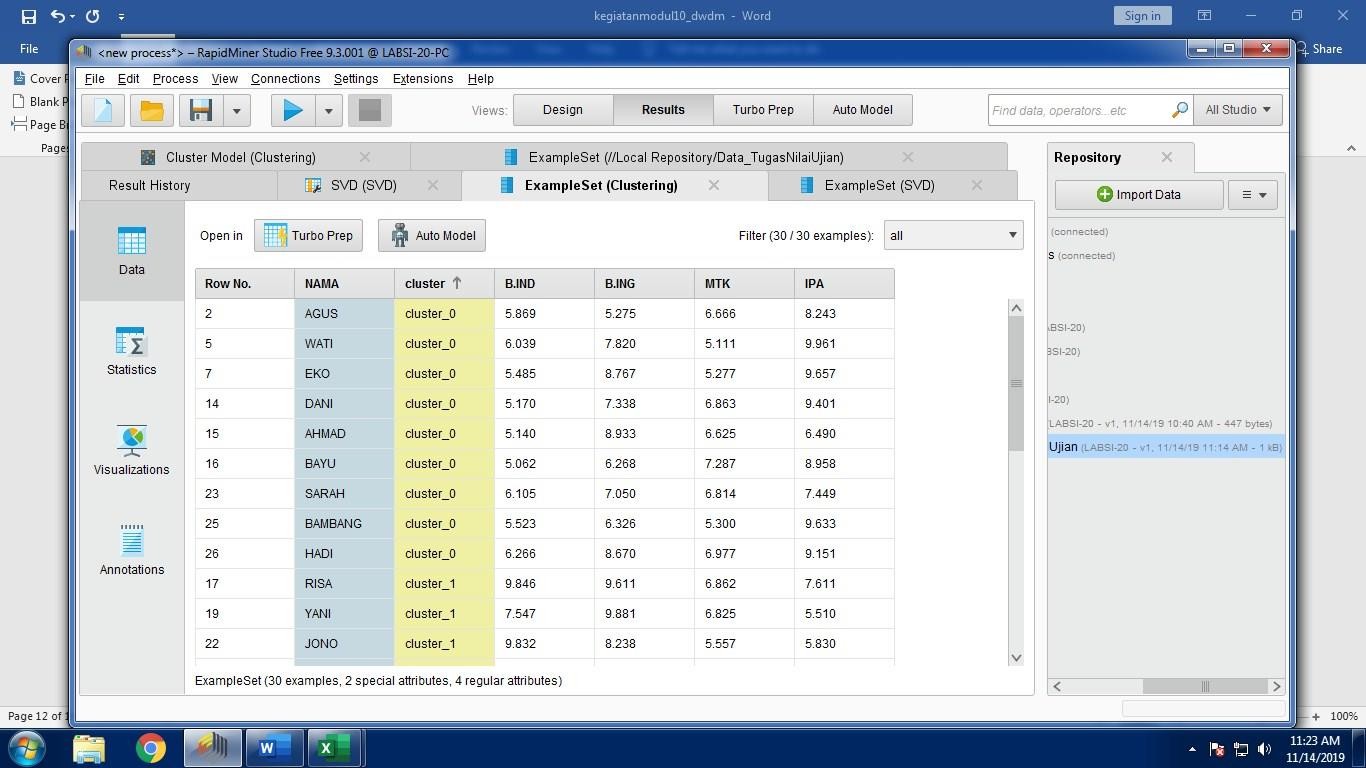
* Kelompok siswa kelompok B.ING

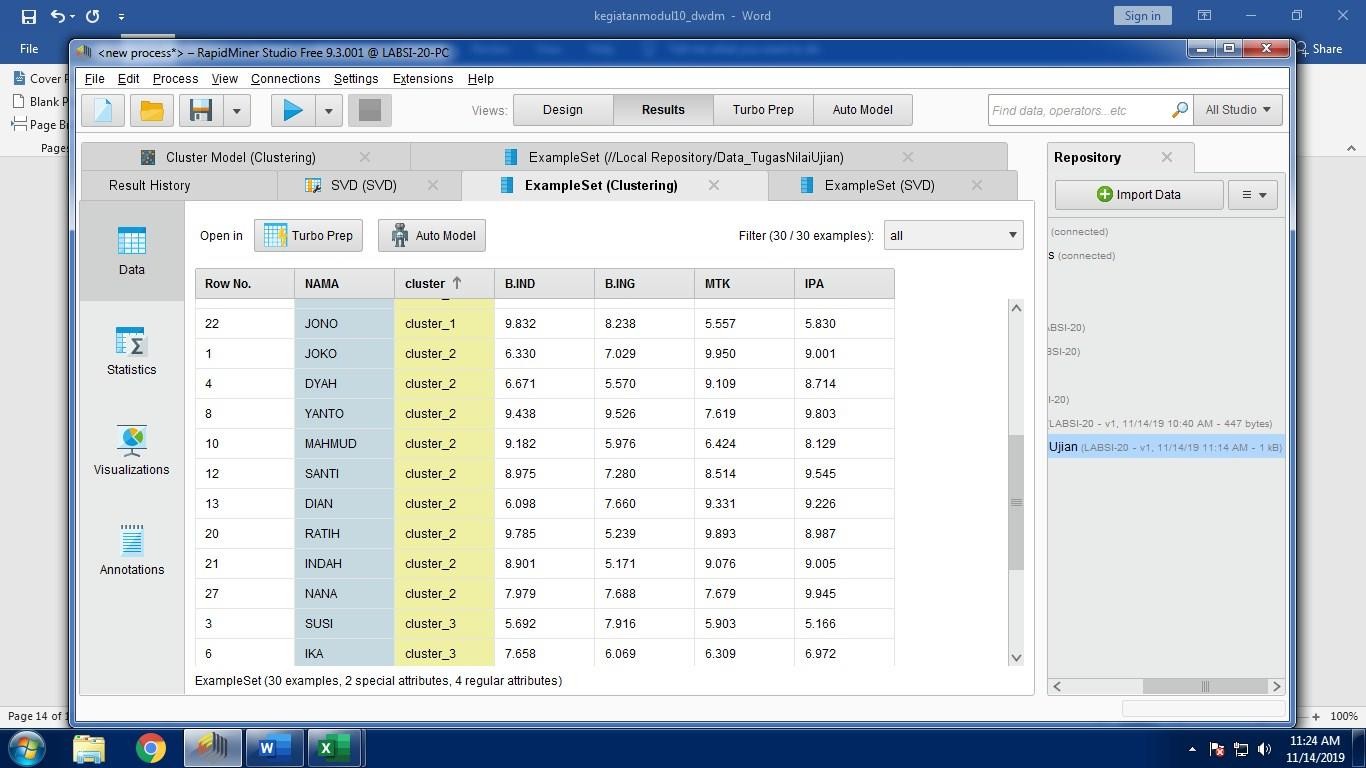


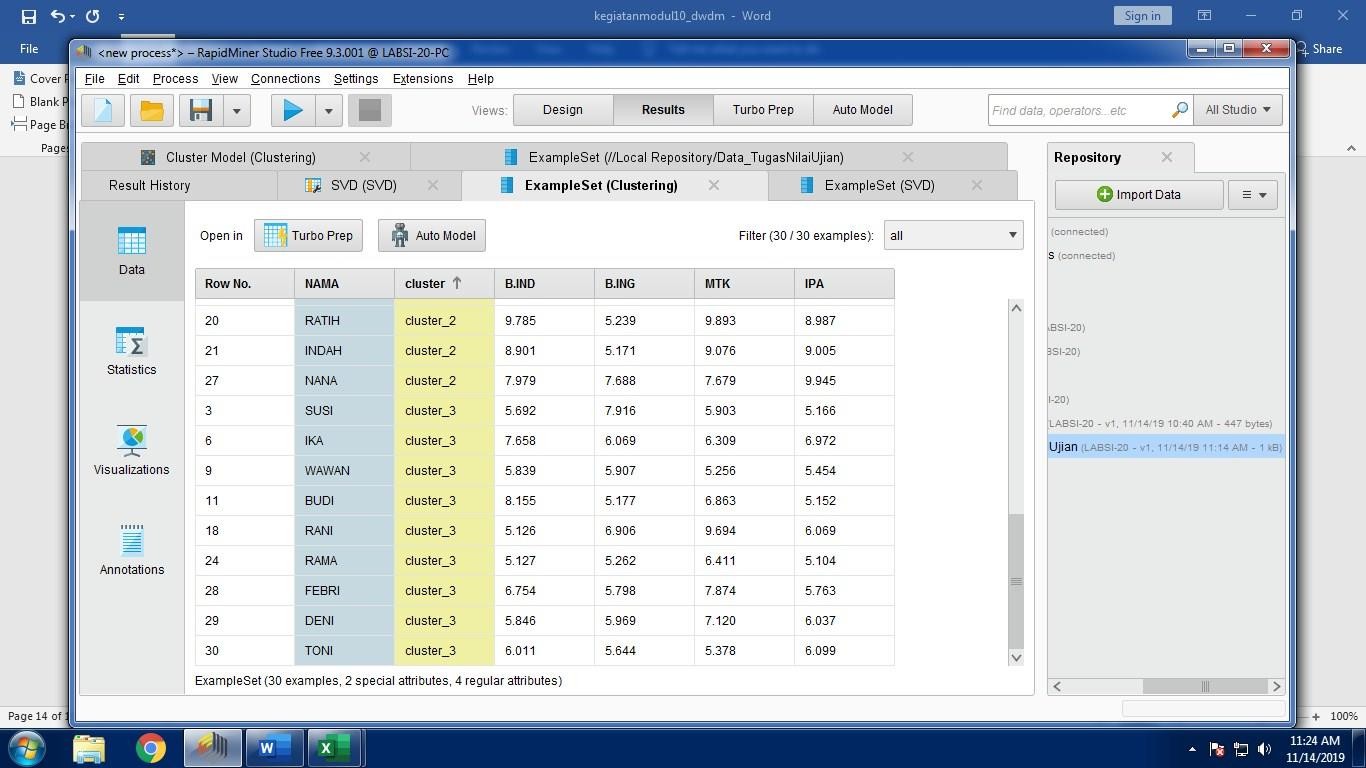
* Kelompok siswa bidang IPA
* Kelompok siswa bidang MTK

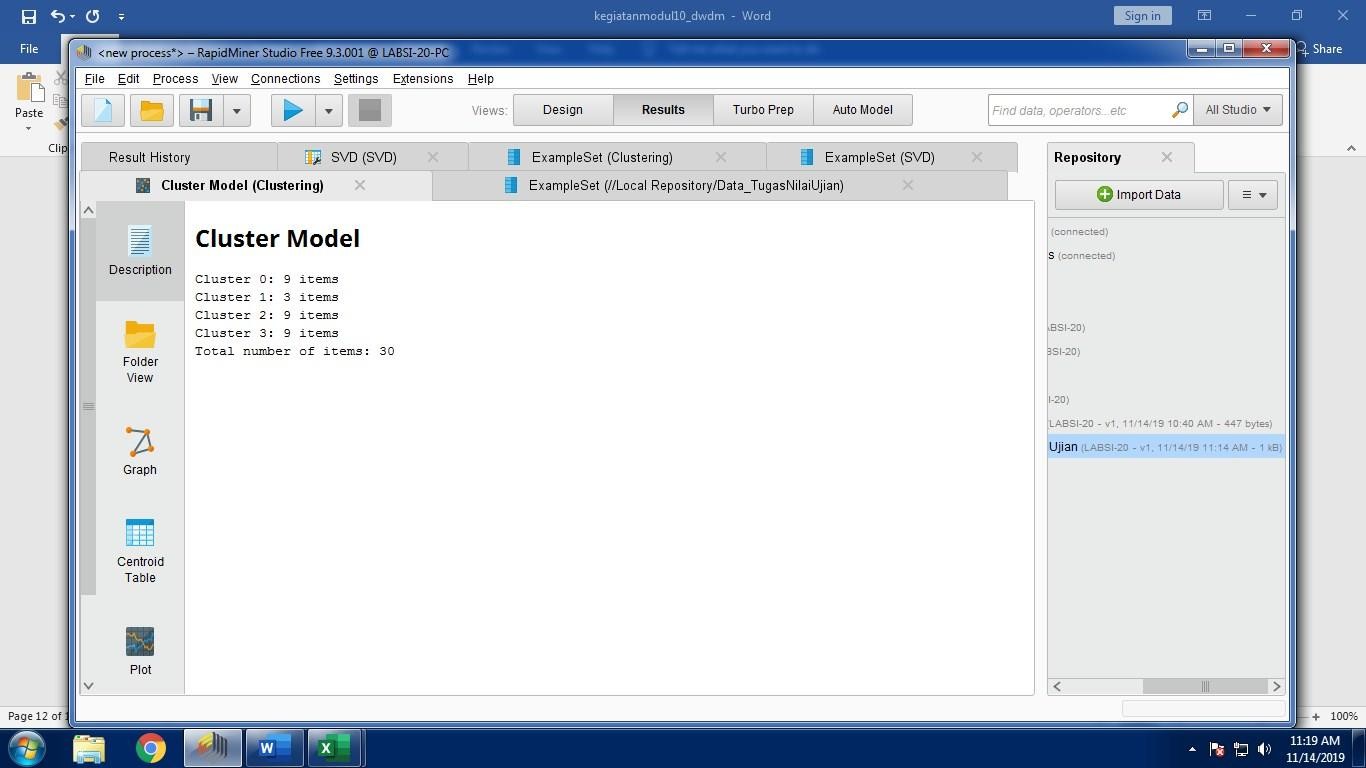
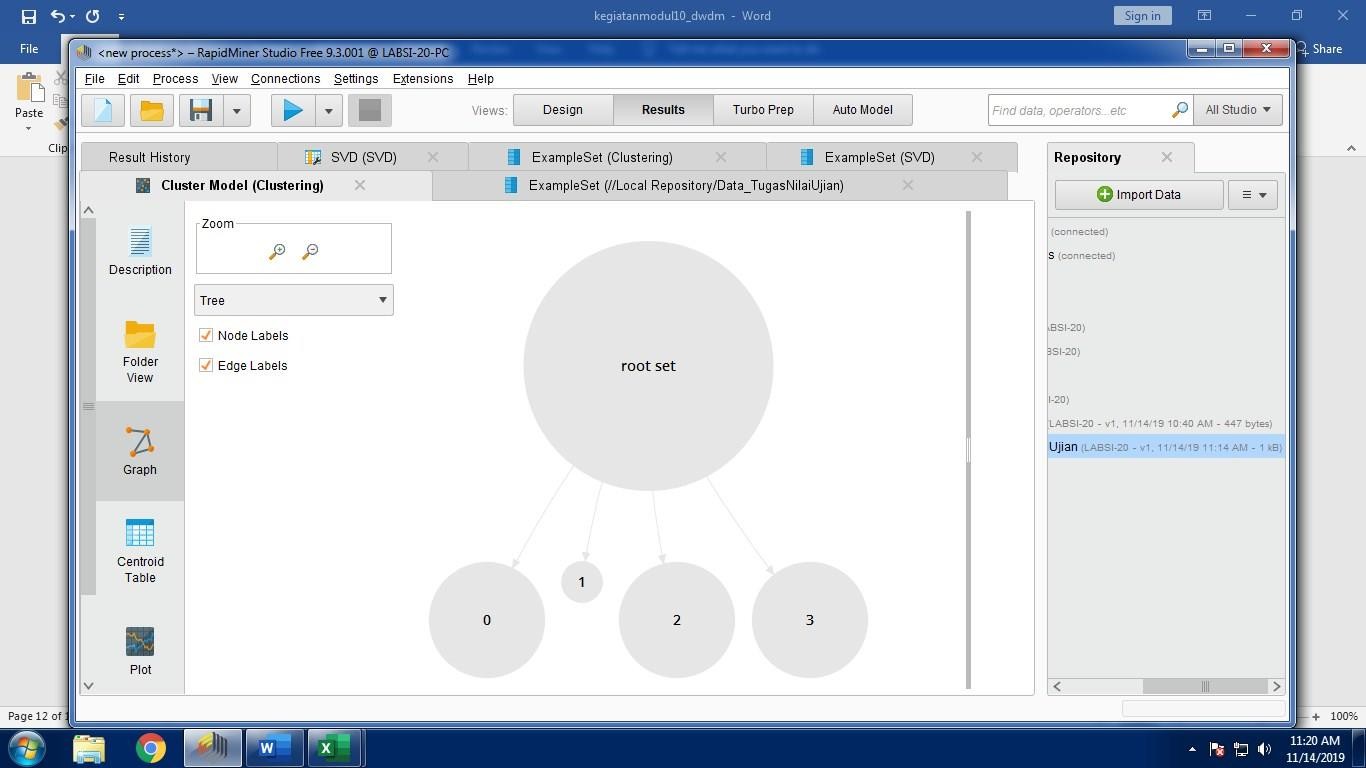


* Masing-masing nama siswa yang terdapat dalam kelompok cluster 0, cluster 1, cluster 2, cluster 3.







* Description
* Graph