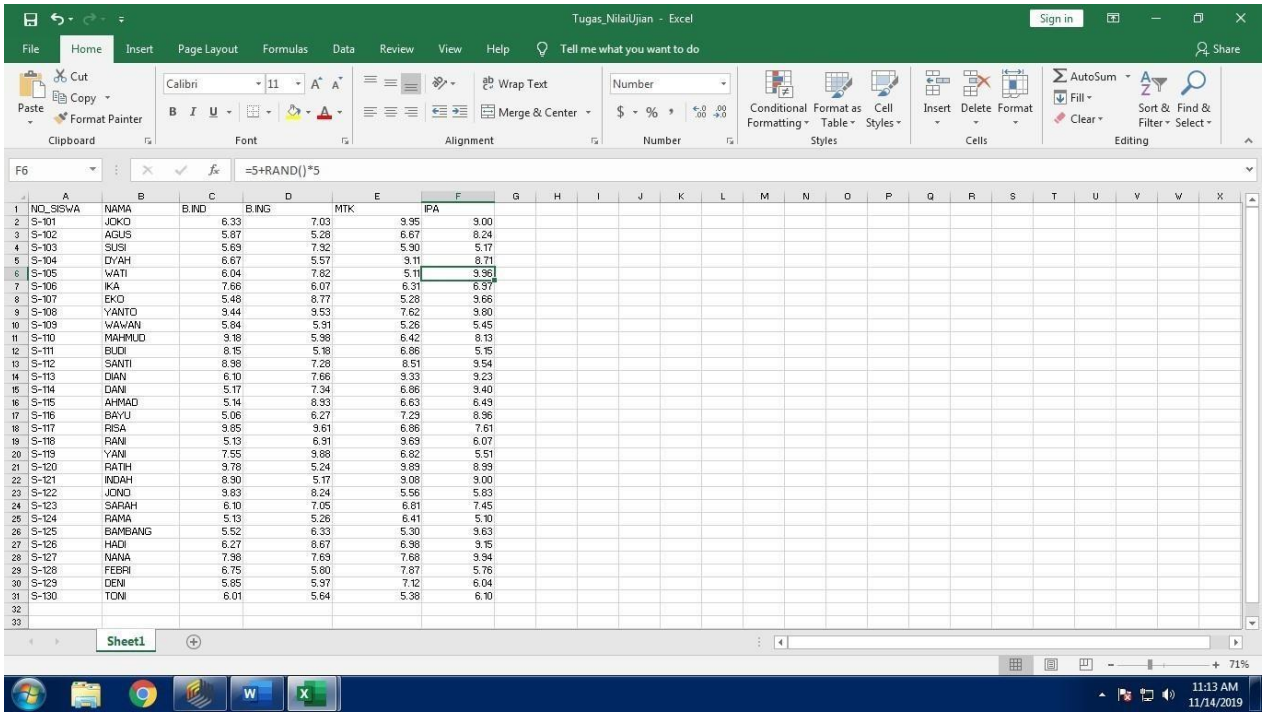
Nama : REZA MIFTAHUL RIZKI

NIM : L200170108

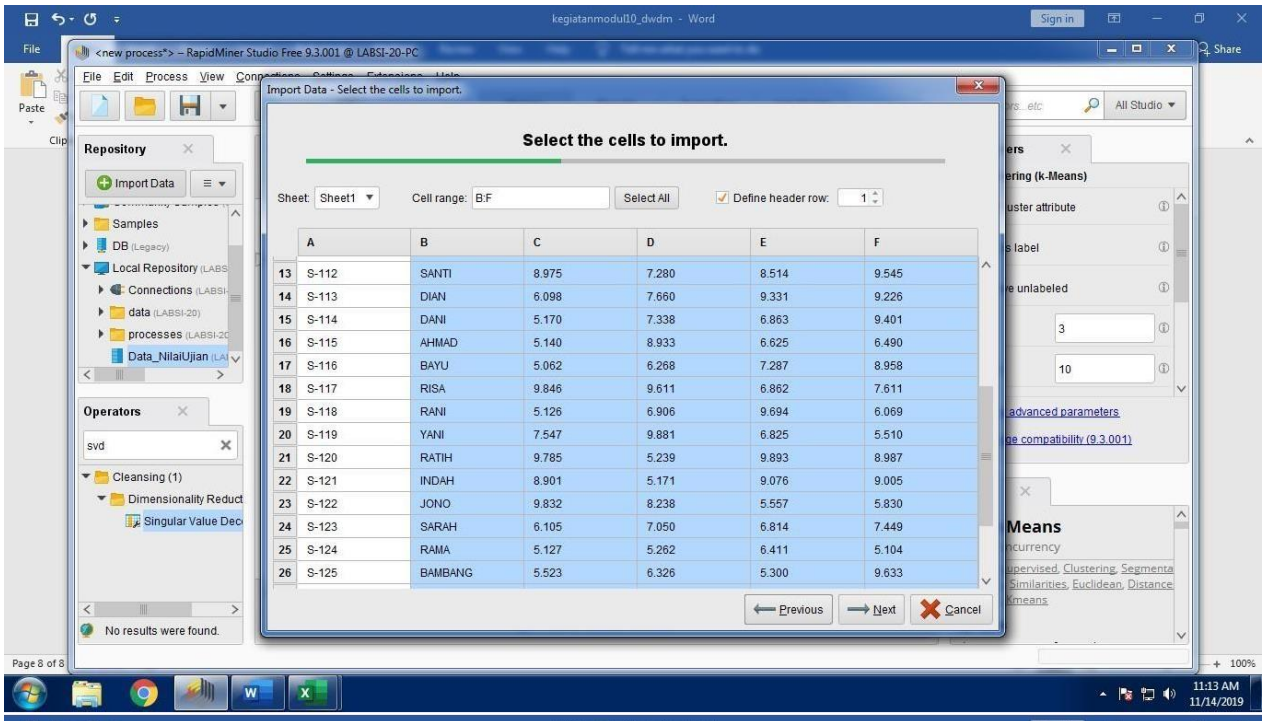
Tugas

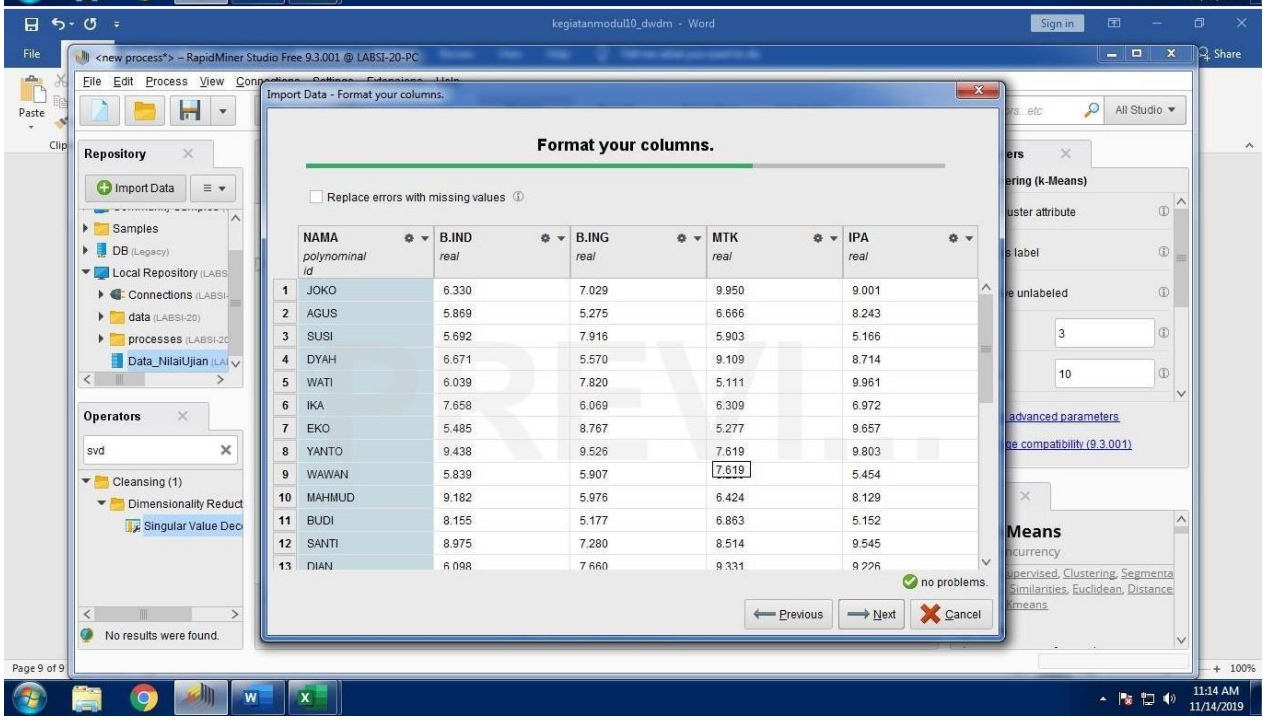
- Berikut adalah table siswa dan memasukkan nilai secara random dengan =5+RAND()*5



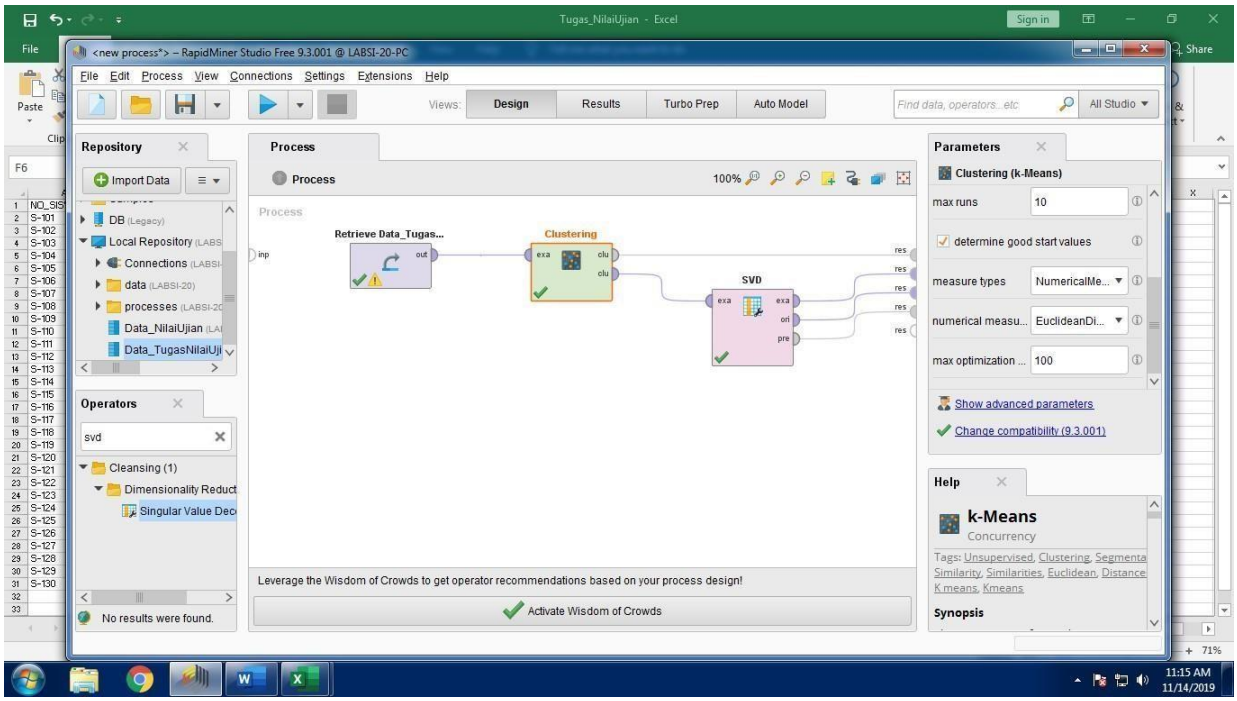
NO_SISWA	NAMA	B.IND	B.ING	MTK	IPA
S-101	JOKO	6.33	7.03	3.95	9.00
S-102	AGUS	5.87	5.28	6.67	8.24
S-103	SUSI	5.69	7.92	5.90	5.17
S-104	DYAH	6.67	5.57	9.11	8.71
S-105	WATI	6.04	7.82	5.11	3.36
S-106	IKA	7.66	6.07	6.31	6.37
S-107	EKO	5.48	8.77	5.28	9.66
S-108	YANTO	9.44	9.53	7.62	9.80
S-109	WAWAN	5.84	5.31	5.26	5.45
S-110	MAHMUD	9.18	5.98	6.42	8.13
S-111	BUDI	8.15	5.18	6.86	5.15
S-112	SANTI	8.98	7.28	8.51	9.54
S-113	DIAN	6.10	7.66	9.33	9.23
S-114	DANI	5.17	7.34	6.86	9.40
S-115	AHMAD	5.14	8.93	6.63	6.49
S-116	BAYU	5.06	6.27	7.29	8.96
S-117	RISA	9.85	9.61	6.86	7.61
S-118	RANI	5.13	6.91	9.69	6.07
S-119	YANI	7.55	9.88	6.82	5.51
S-120	RATIH	9.78	5.24	9.89	8.99
S-121	INDAH	8.90	5.17	9.08	9.00
S-122	JONO	9.83	8.24	5.56	5.83
S-123	SARAH	6.10	7.05	6.81	7.45
S-124	RAMA	5.13	5.26	6.41	5.10
S-125	BAMBANG	5.52	6.33	5.30	9.63
S-126	HADI	6.27	8.67	6.98	9.15
S-127	NANA	7.98	7.69	7.68	9.94
S-128	FEBRI	6.75	5.80	7.87	5.76
S-129	DENI	5.85	5.97	7.12	6.04
S-130	TONI	6.01	5.64	5.38	6.10

- Gunakan file Tugas_NilaiUjian.xlxs sebagai data yang akan digunakan dalam proses Clustering. Lalu import ke dalam aplikasi RapidMiner.

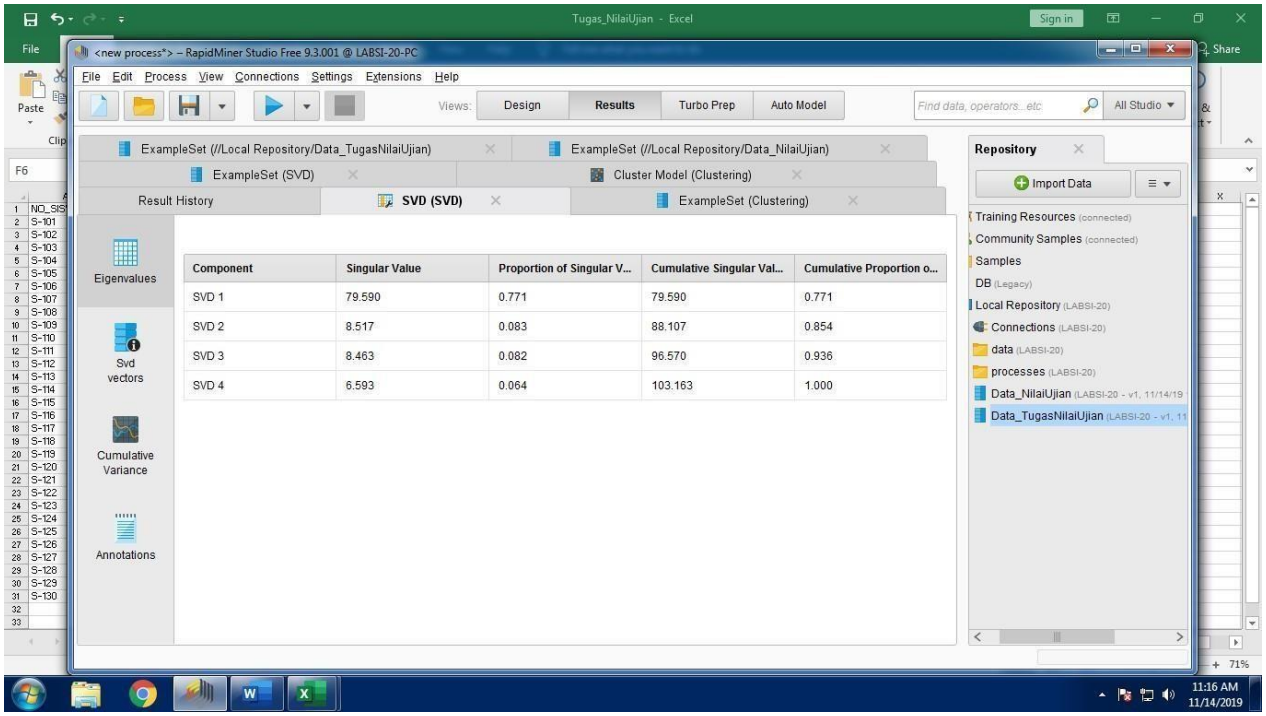




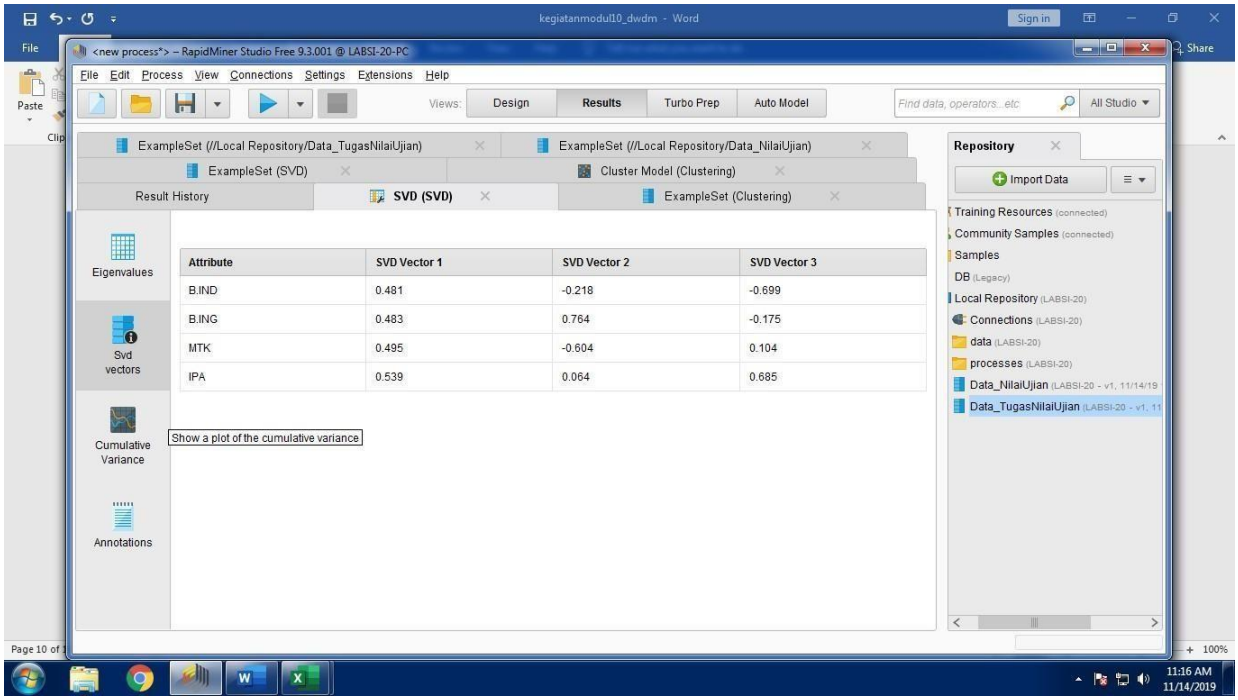
- Tambahkan operator k-Means. Lalu Jalankan dengan menekan tombol run (F11)


Tugas_NilaiUjian - Excel
<new process*> – RapidMiner Studio Free 9.3.001 @ LABSI-20-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Repository
Import Data
Local Repository
Data_NilaiUjian
Data_TugasNilaiUji
Operators
svd
Cleansing (1)
Dimensionality Reduct
Singular Value Deco
No results were found.
Process
Retrieve Data_Tugas...
Clustering
SVD
Leverage the Wisdom of Crowds to get operator recommendations based on your process design!
Activate Wisdom of Crowds
Parameters
Clustering (k-Means)
max runs 10
determine good start values
measure types NumericalMe...
numerical measu... EuclideanDi...
max optimization ... 100
Show advanced parameters
Change compatibility (9.3.001)
Help
k-Means
Concurrency
Synopsis
11:15 AM
11/14/2019

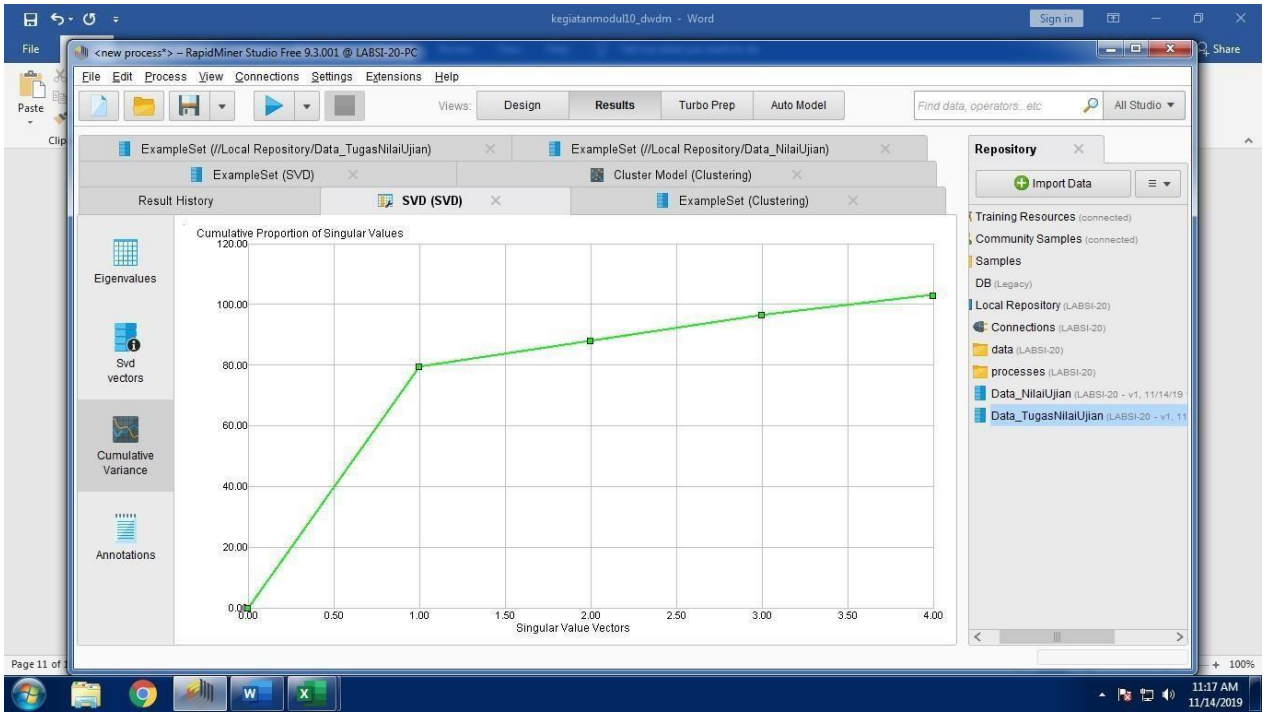
- Nilai Eigenvalue



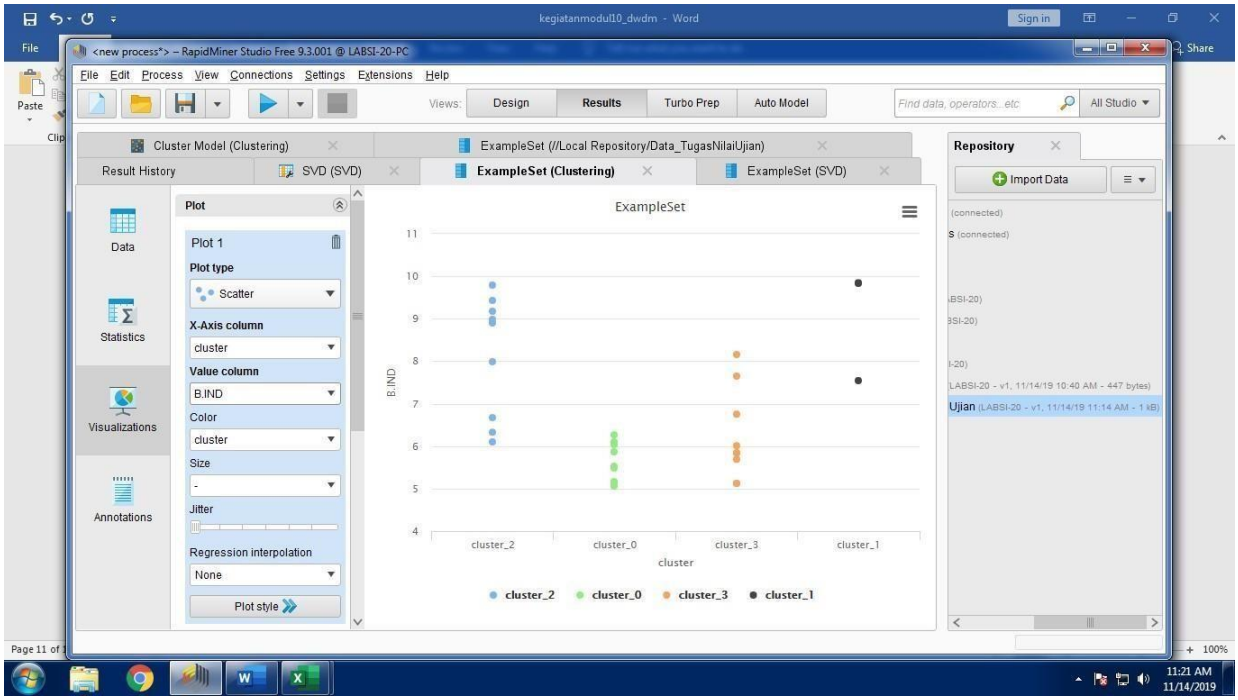
- Nilai Svd Vectors



- Nilai Cumulative Variance



Kelompok siswa bidang B.INDO



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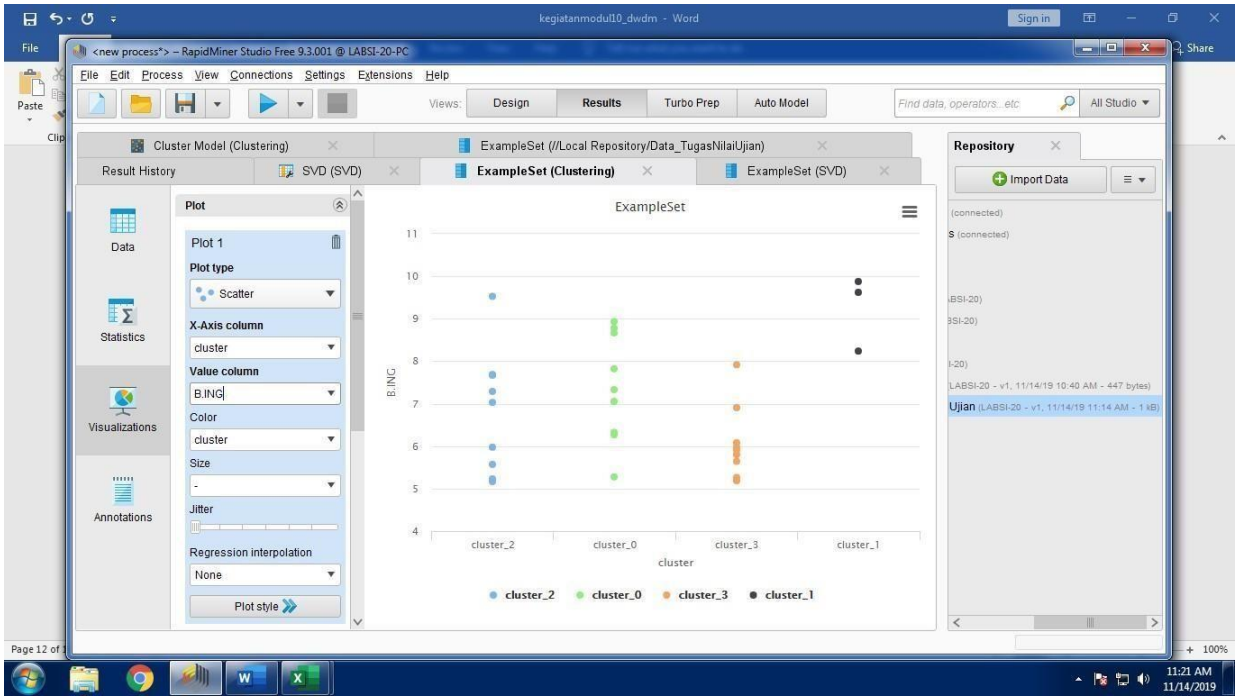
- Kelompok siswa kelompok B.ING



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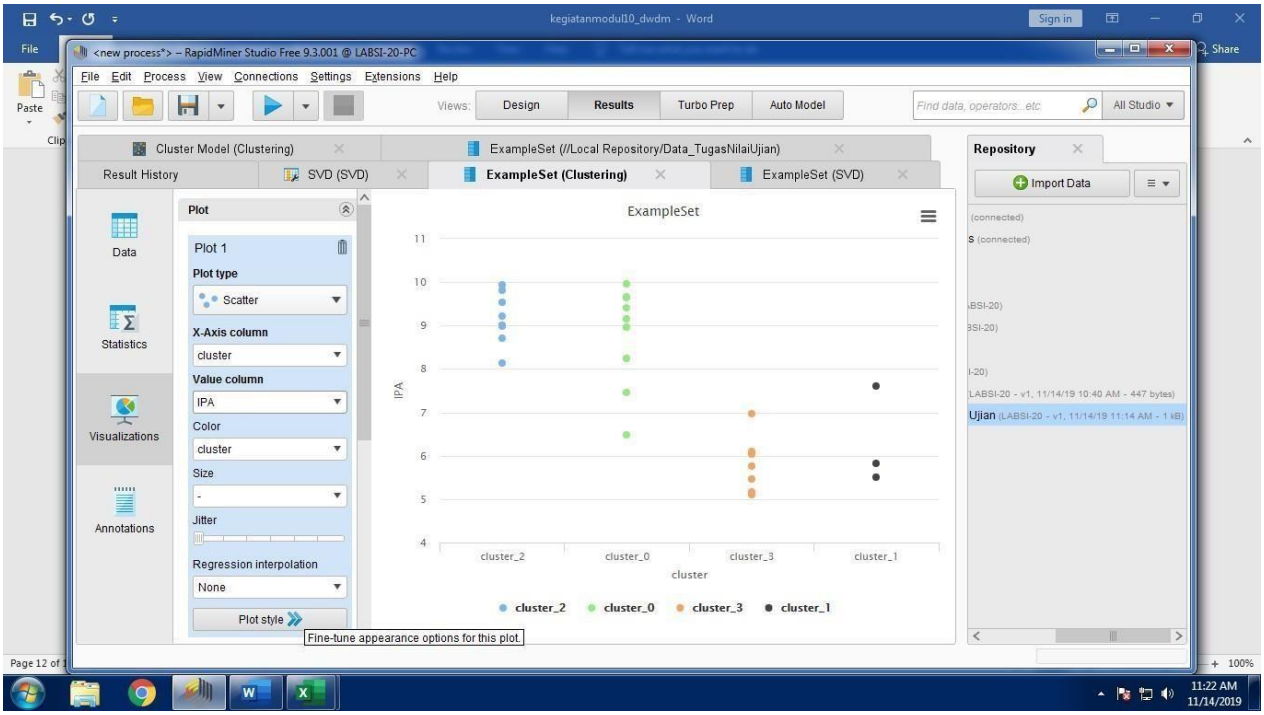
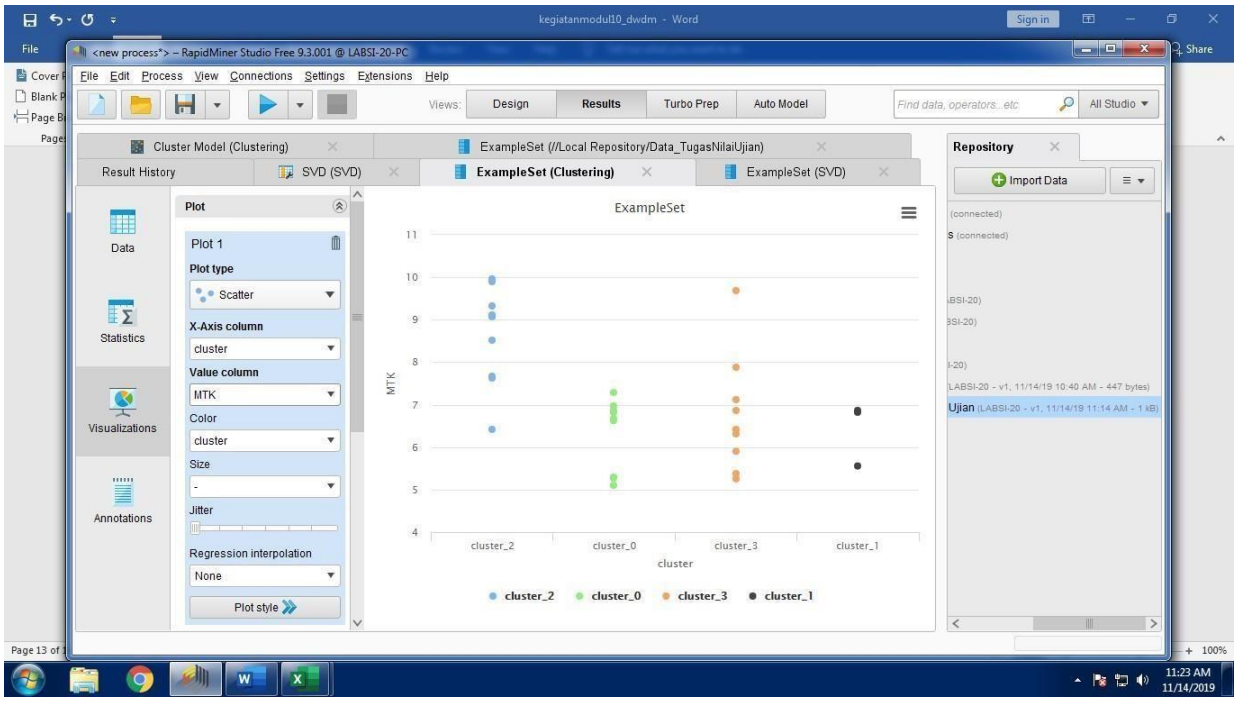
- Kelompok siswa bidang IPA



- Kelompok siswa bidang MTK



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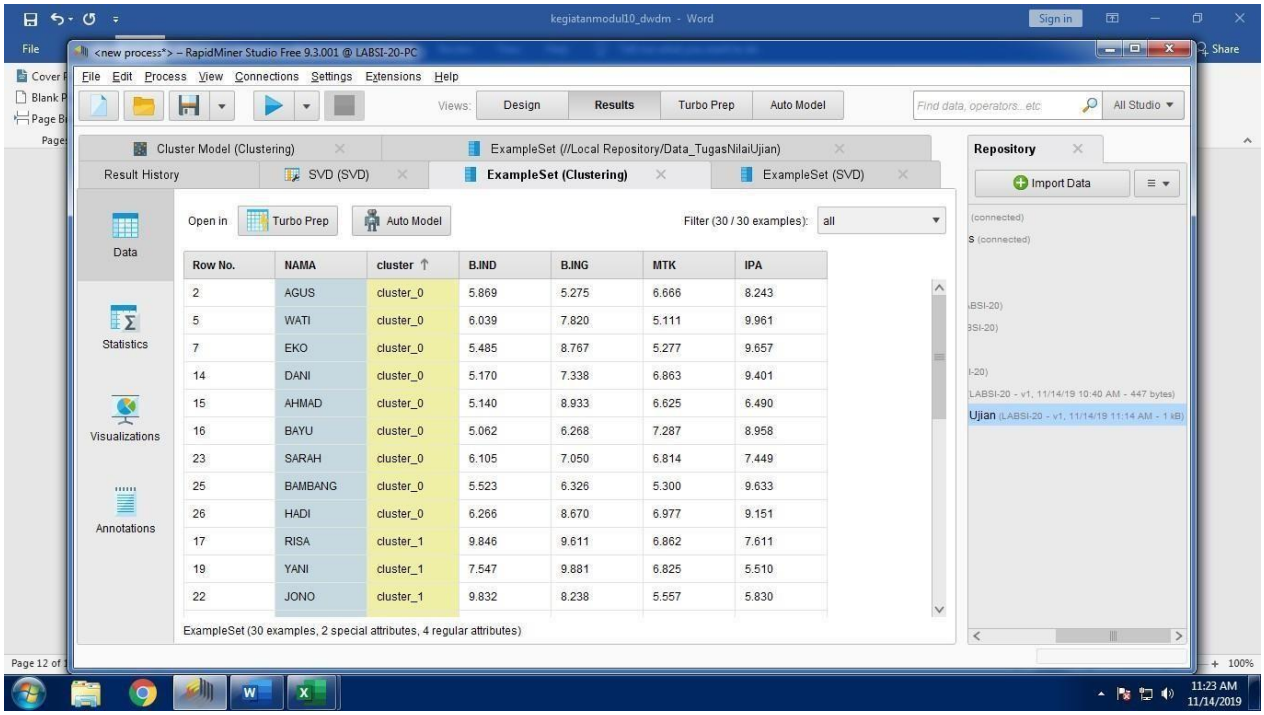
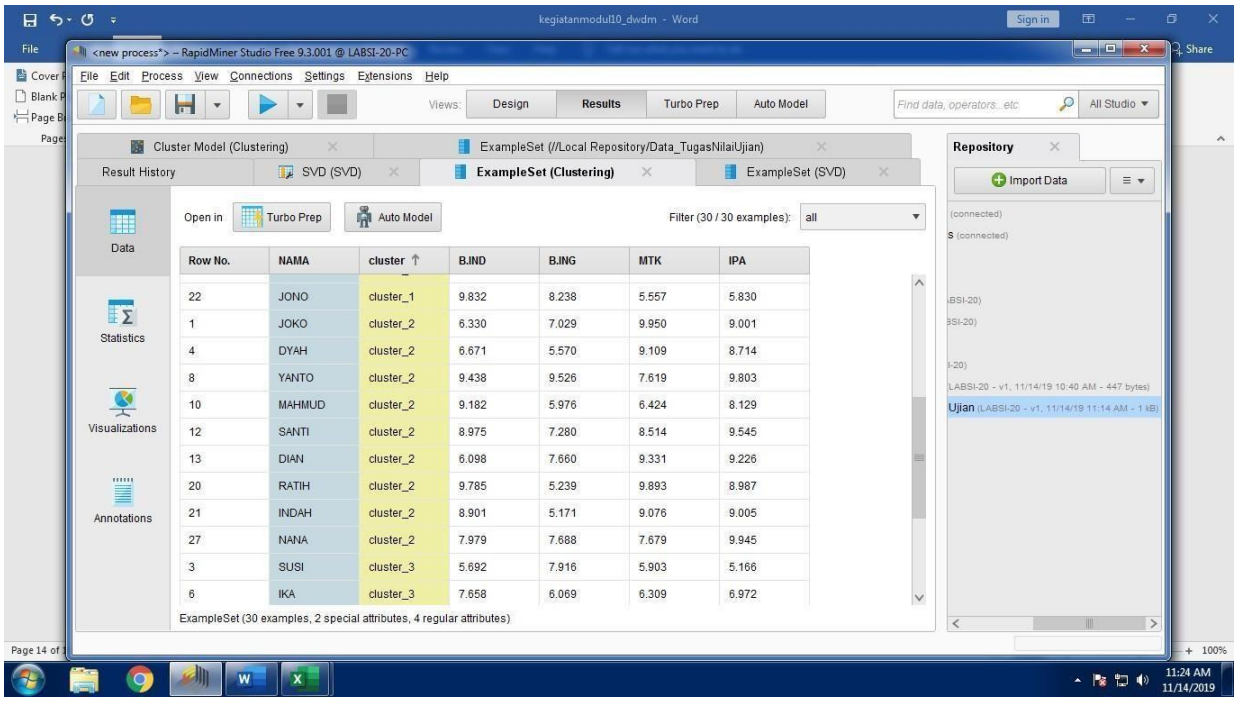
- Masing-masing nama siswa yang terdapat dalam kelompok cluster 0, cluster 1, cluster 2, cluster
  3.





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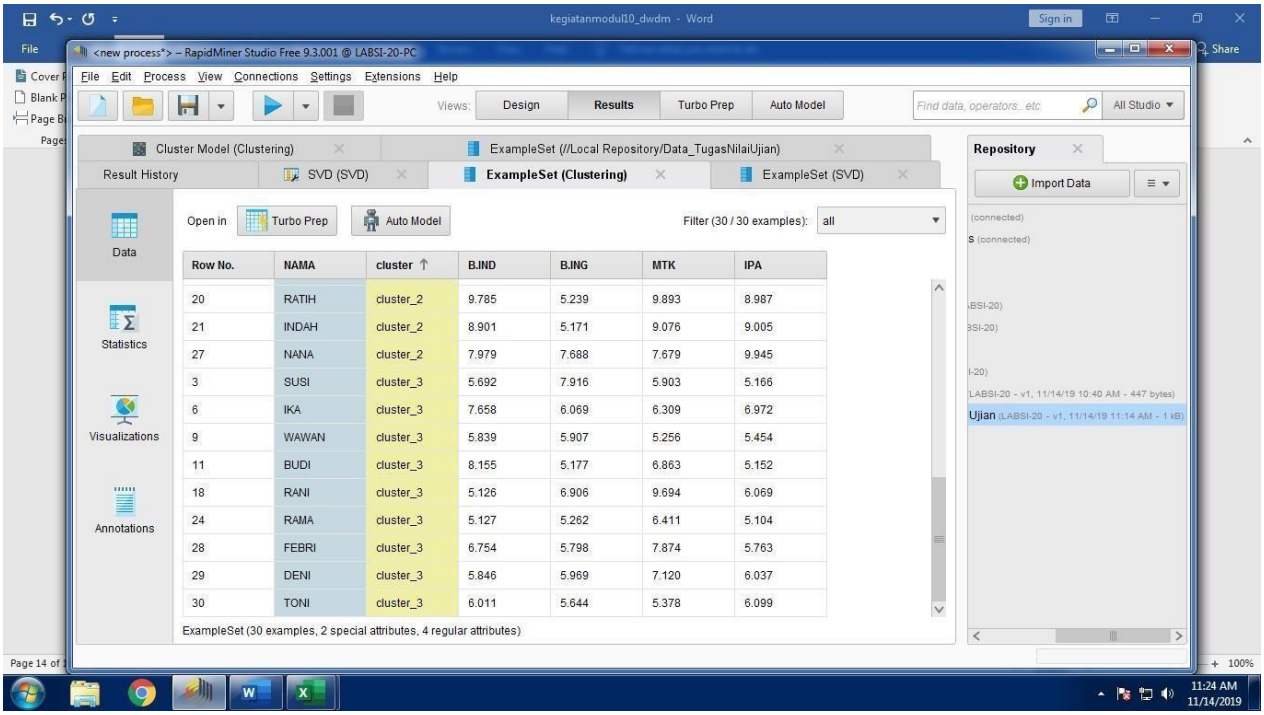
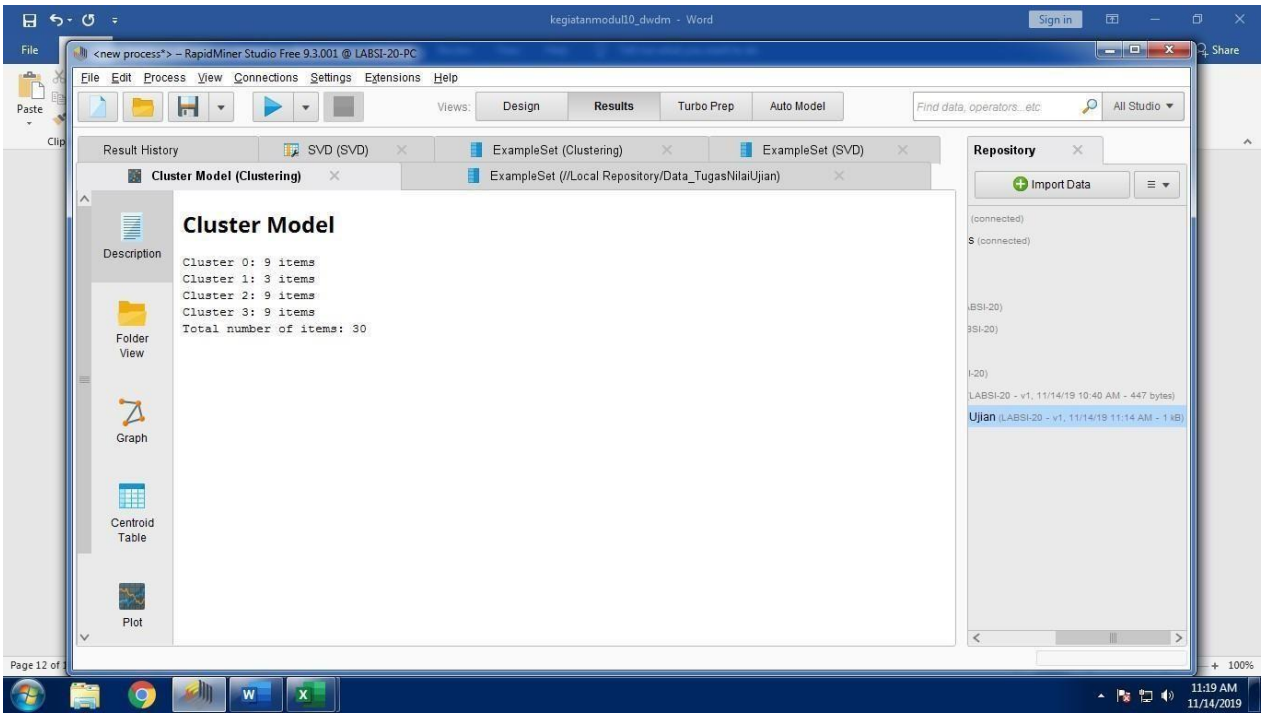


• Description



• Graph