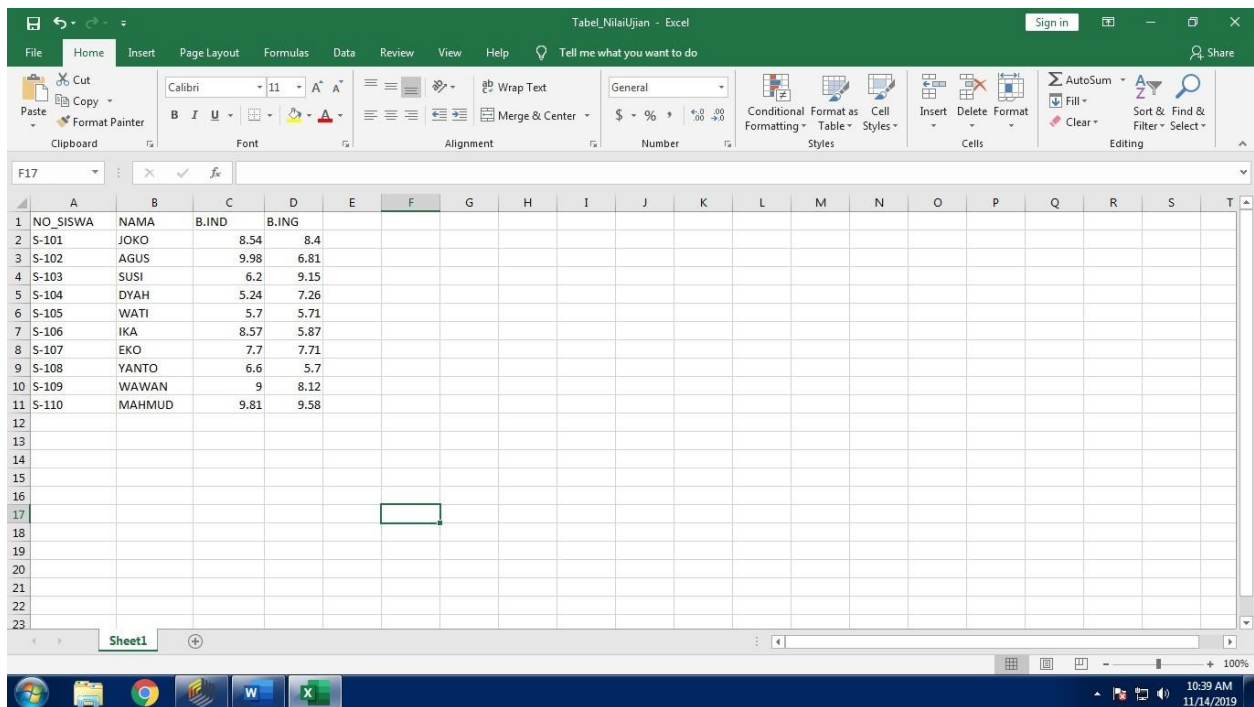


Nama : Muhammad Khoiruddin

NIM : L200170104

KEGIATAN PRAKTIKUM

- Berikut table data nilai siswa :

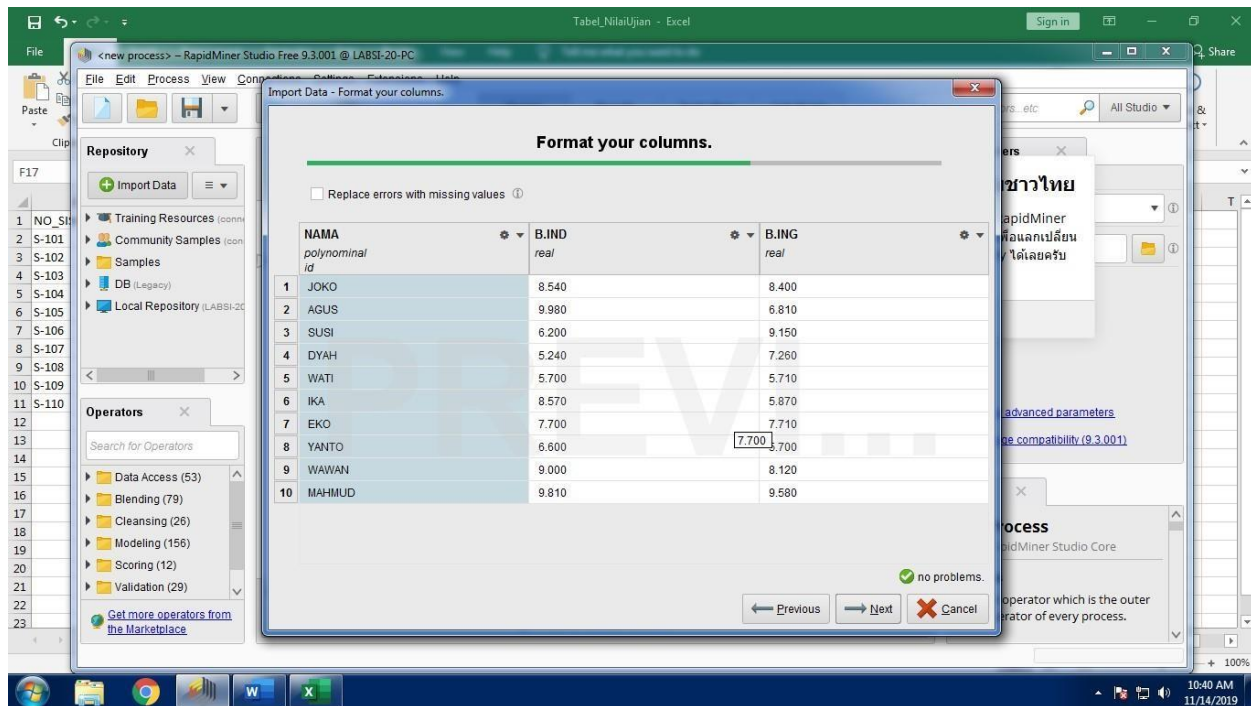
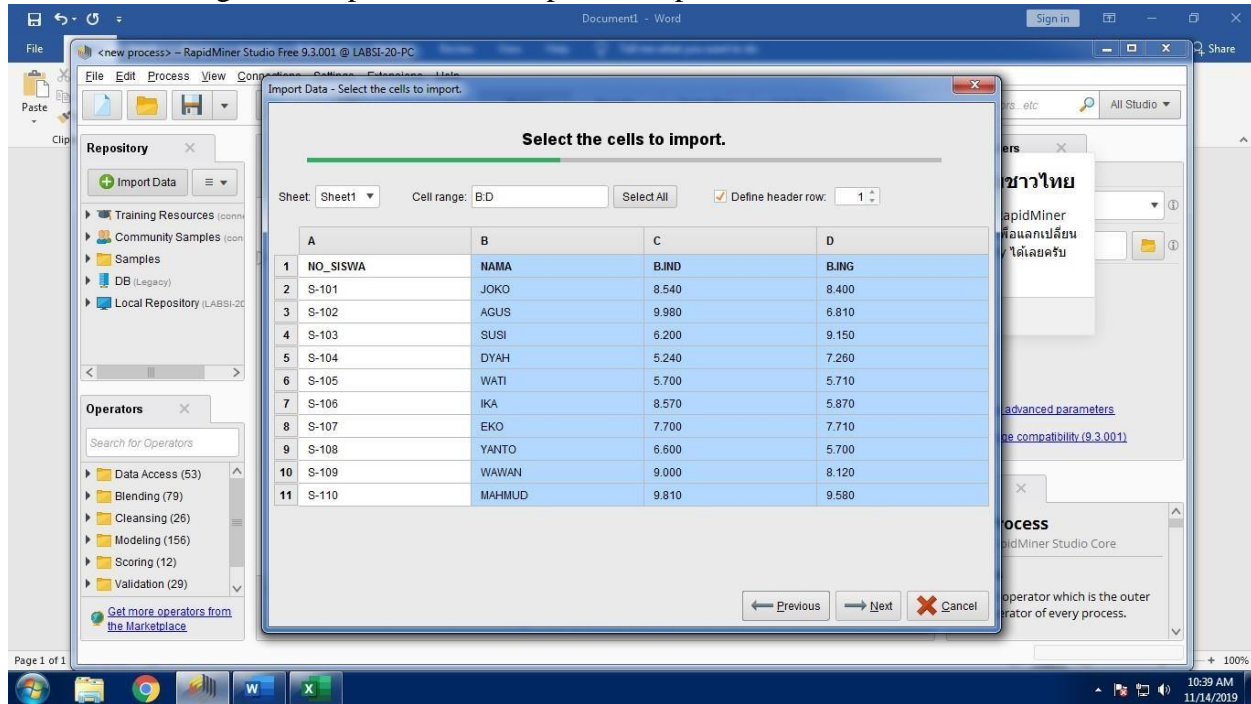


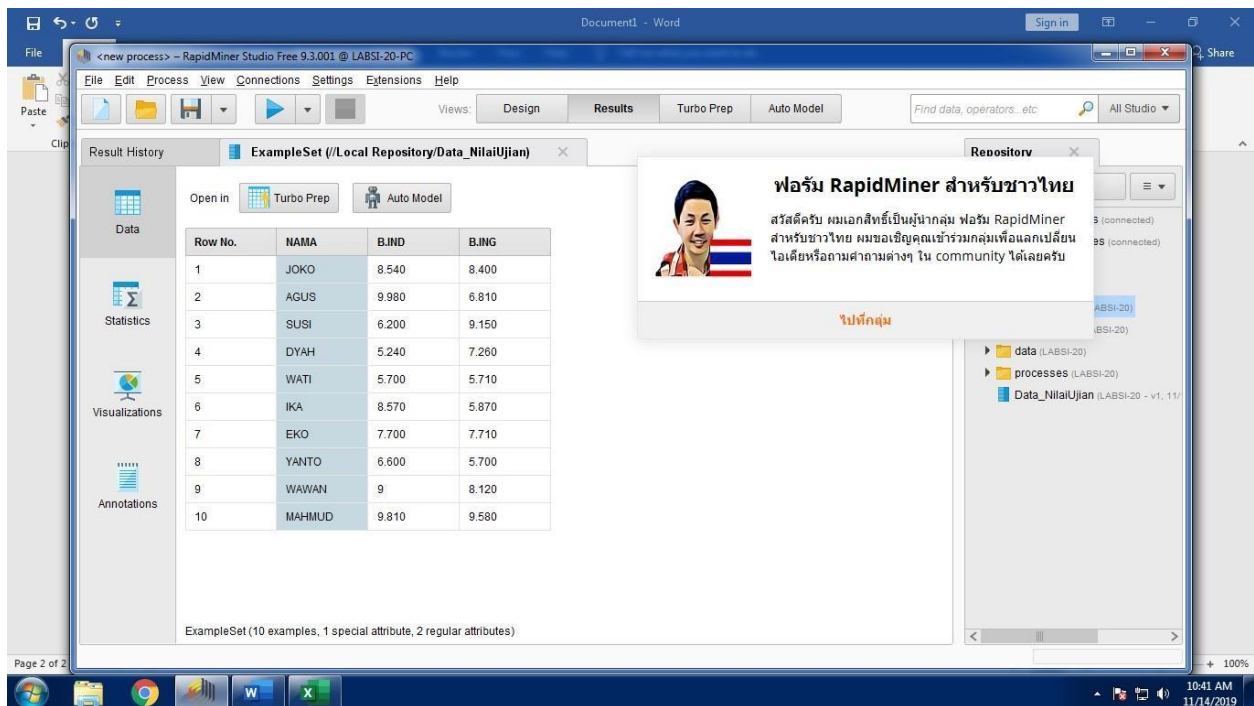
The screenshot shows a Microsoft Excel spreadsheet titled 'Tabel_NilaiUjian - Excel'. The spreadsheet contains a table of student data with columns for student ID, name, and two scores. The data is as follows:

NO. SISWA	NAMA	B.IND	B.ING
S-101	JOKO	8.54	8.4
S-102	AGUS	9.98	6.81
S-103	SUSI	6.2	9.15
S-104	DYAH	5.24	7.26
S-105	WATI	5.7	5.71
S-106	IKA	8.57	5.87
S-107	EKO	7.7	7.71
S-108	YANTO	6.6	5.7
S-109	WAWAN	9	8.12
S-110	MAHMUD	9.81	9.58

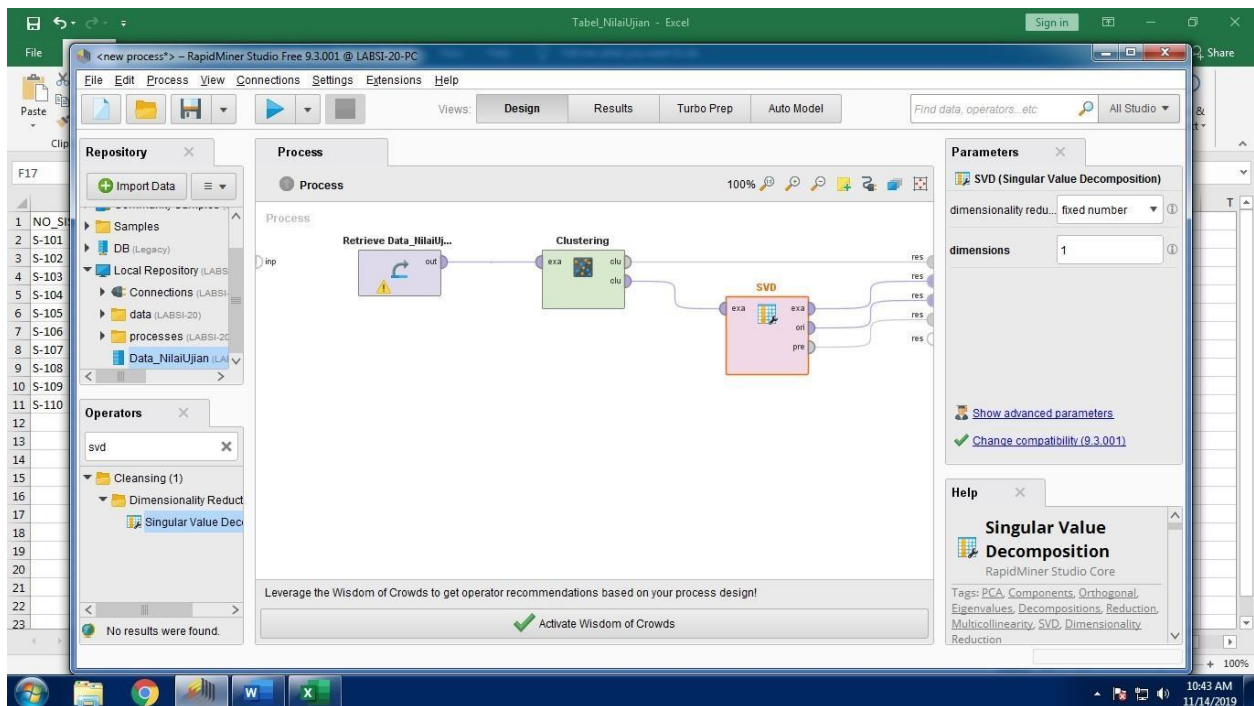
The Excel interface includes the ribbon with tabs for File, Home, Insert, Page Layout, Formulas, Data, Review, View, and Help. The Home tab is active, showing options for Clipboard, Font, Alignment, Number, Styles, Cells, and Editing. The status bar at the bottom indicates 'Sheet1' and '100%' zoom.

Gunakan file Tabel_NilaiUjian.xlsx sebagai data yang akan digunakan dalam proses Clustering. Lalu import ke dalam aplikasi RapidMiner.



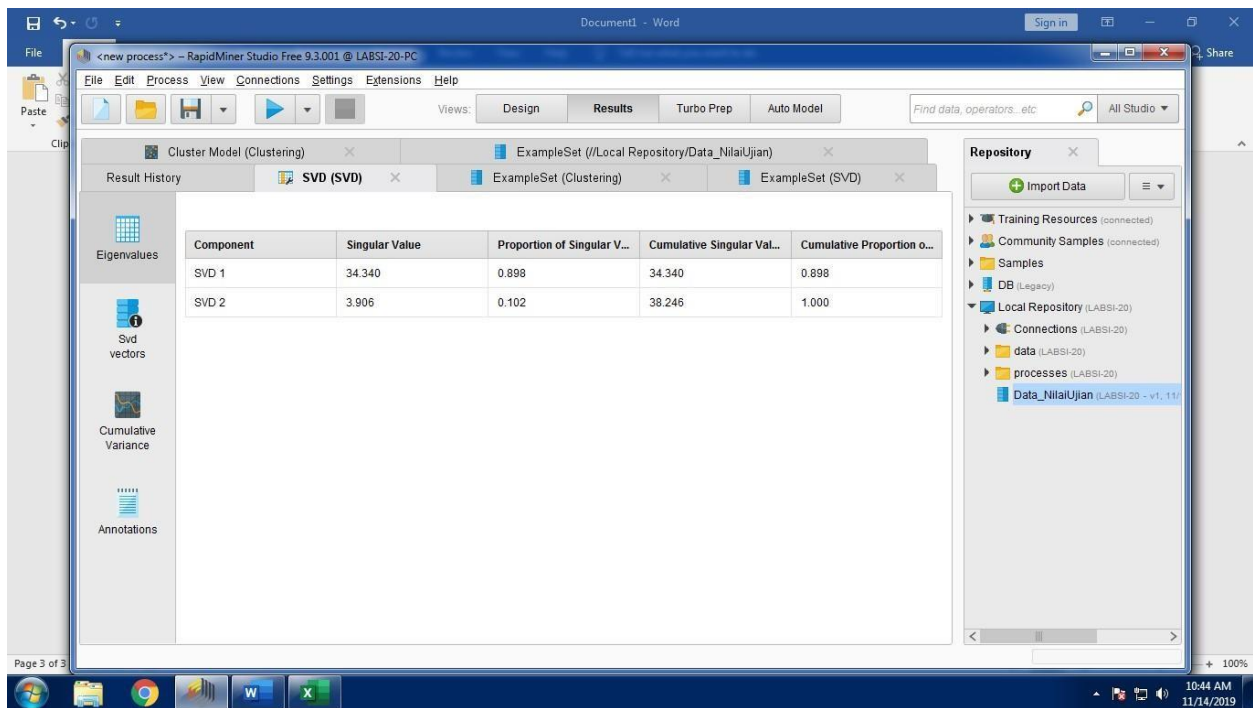


- Tambahkan operator k-Means. Lalu Jalankan dengan menekan tombol run (F11)

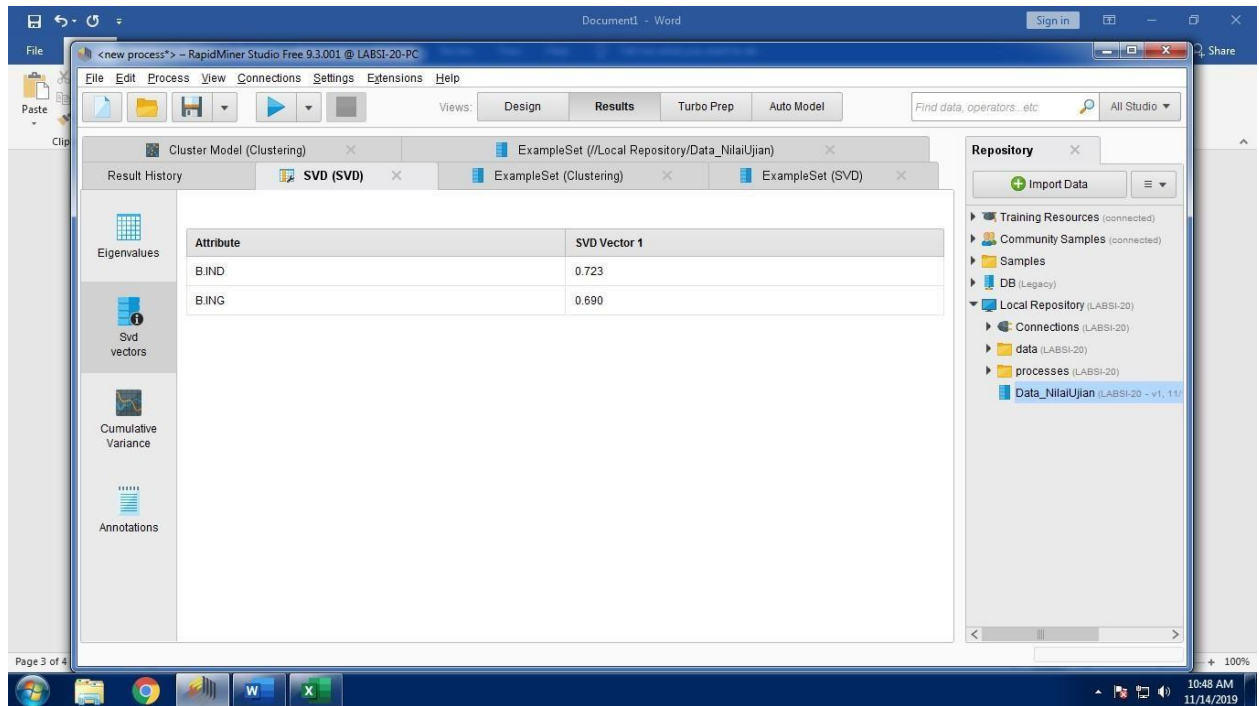


Nilai Eigenvalue

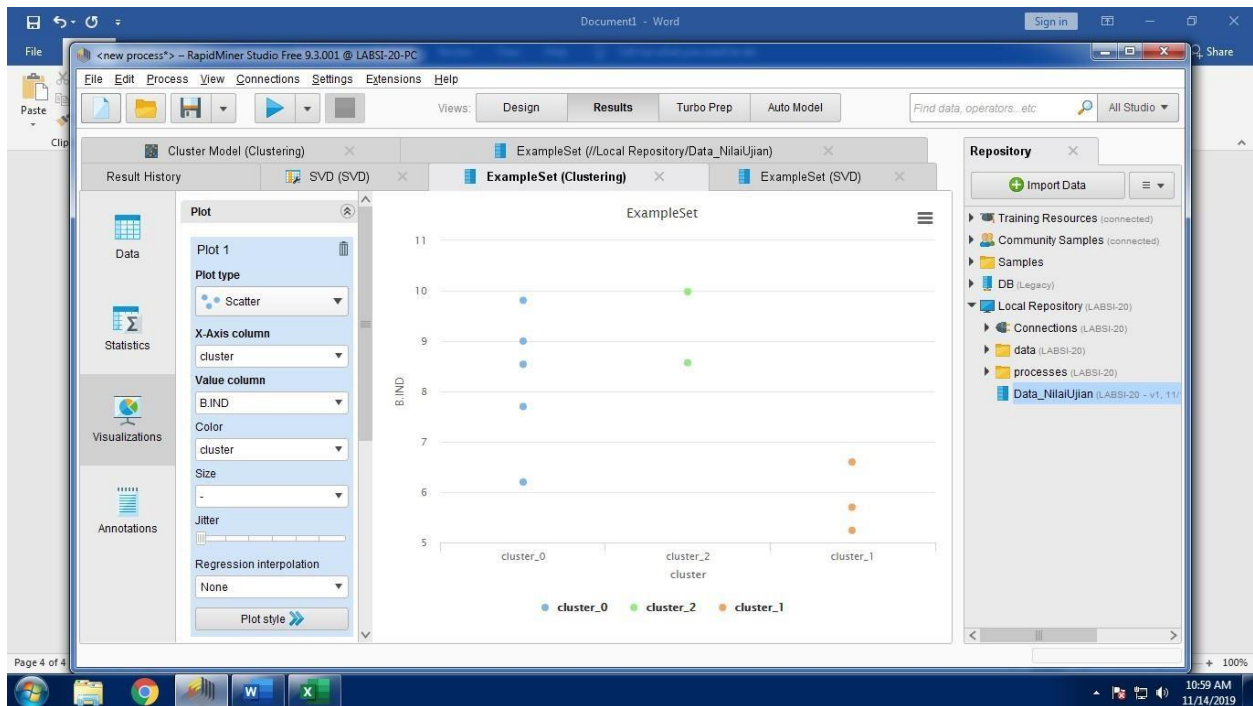
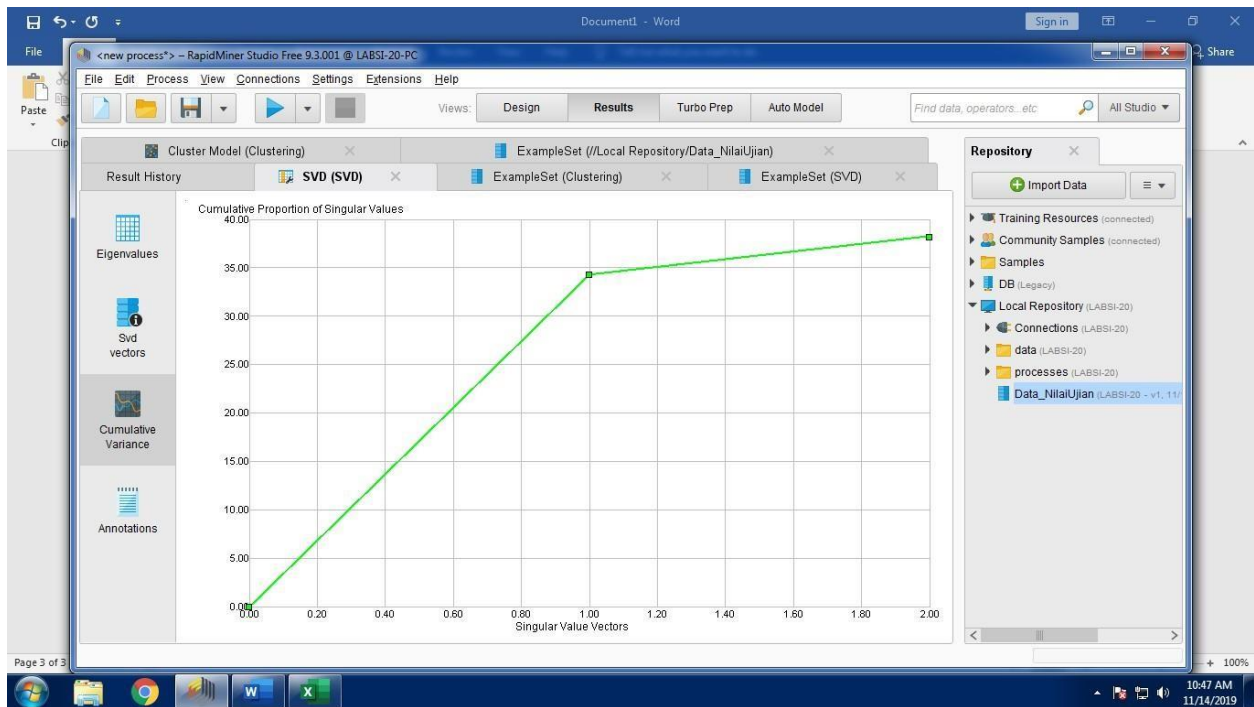
-



- Nilai Svd vectors

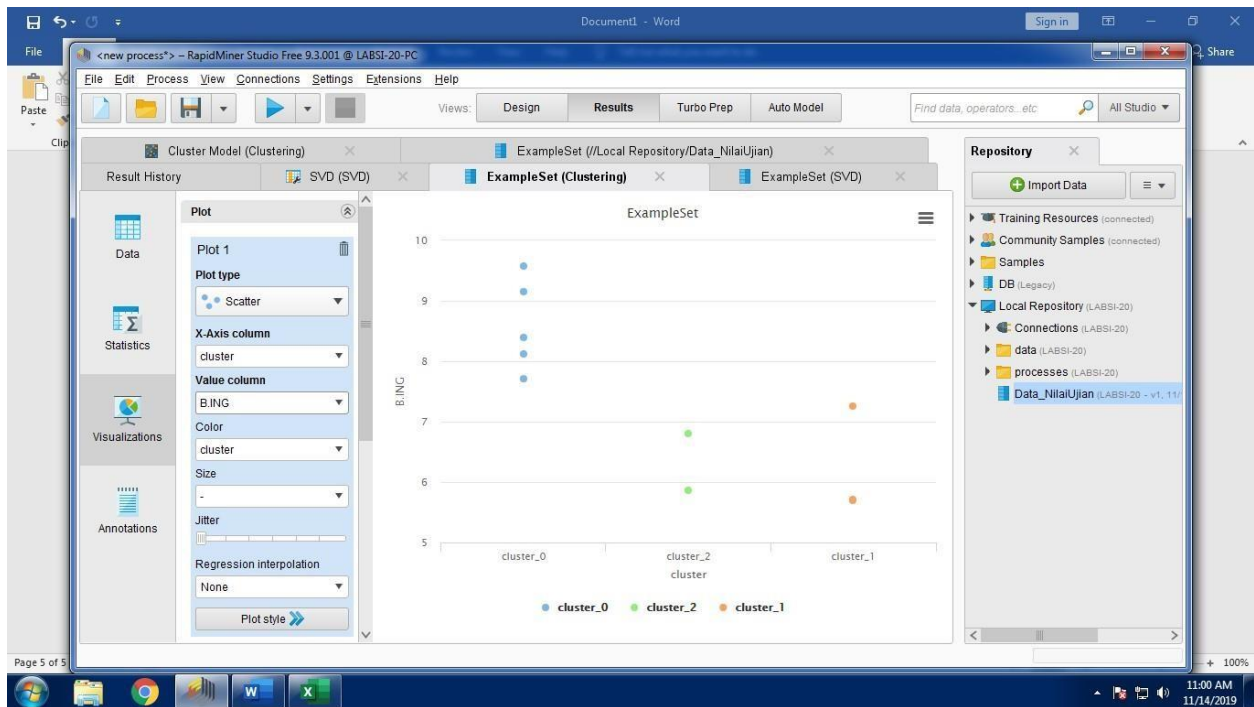


Nilai Cumulative Variance



- - Kelompok siswa bidang B.indonesia

Kelompok siswa bidang B.inggris



Open in: Turbo Prep Auto Model

Filter (10 / 10 examples): all

Row No.	NAMA	cluster	B.IND	B.ING
1	JOKO	cluster_0	8.540	8.400
2	AGUS	cluster_2	9.980	6.810
3	SUSI	cluster_0	6.200	9.150
4	DYAH	cluster_1	5.240	7.260
5	WATI	cluster_1	5.700	5.710
6	IKA	cluster_2	8.570	5.870
7	EKO	cluster_0	7.700	7.710
8	YANTO	cluster_1	6.600	5.700
9	WAWAN	cluster_0	9	8.120
10	MAHMUD	cluster_0	9.810	9.580

ExampleSet (10 examples, 2 special attributes, 2 regular attributes)

Repository

- Training Resources (connected)
- Community Samples (connected)
- Samples
- DB (Legacy)
- Local Repository (LABSI-20)
 - Connections (LABSI-20)
 - data (LABSI-20)
 - processes (LABSI-20)
 - Data_NilaiUjian (LABSI-20 - v1, 11)

- - Kelompok masing-masing siswa yang dikelompokkan berdasarkan cluster 0, cluster 1, cluster 2.

Description

The screenshot displays the RapidMiner Studio interface. The main window shows the 'Cluster Model (Clustering)' process results. The 'Description' tab is active, showing the following details:

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

The 'Repository' panel on the right shows the data source 'Data_NilaiUjian' (LABSI-20 - v1, 11/14/19) selected. The 'Views' tab at the top indicates the 'Results' view is active. The taskbar at the bottom shows the system clock as 11:01 AM on 11/14/2019.

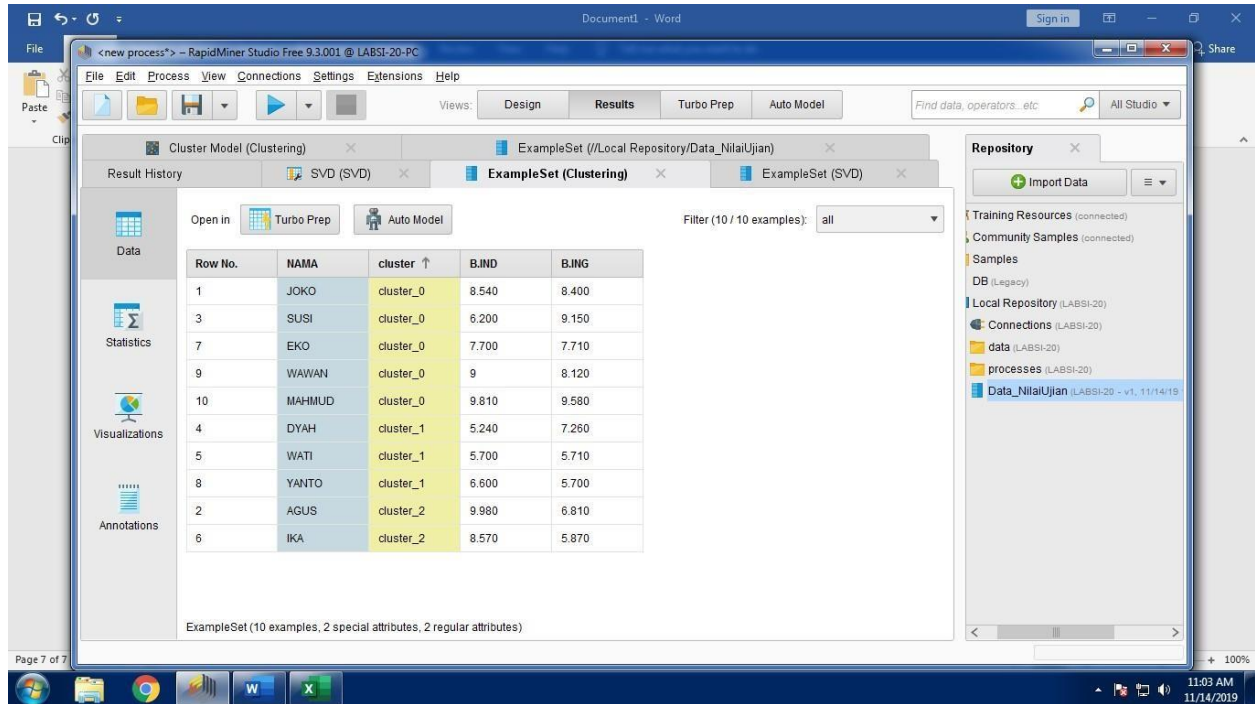
The screenshot displays the RapidMiner Studio interface, showing the 'Cluster Model (Clustering)' process results in a tree view. The 'Description' tab is active, showing the following details:

- Zoom: [Zoom controls]
- Tree: [Tree view]
- Node Labels: [checked]
- Edge Labels: [checked]

The tree view shows a hierarchical structure with a 'root set' node at the top, which branches into three child nodes labeled '0', '1', and '2'. The 'Repository' panel on the right shows the data source 'Data_NilaiUjian' (LABSI-20 - v1, 11/14/19) selected. The 'Views' tab at the top indicates the 'Results' view is active. The taskbar at the bottom shows the system clock as 11:02 AM on 11/14/2019.

- - Graph

Kesimpulan :



Cluster Model (Clustering) ExampleSet (//Local Repository/Data_NilaiUjian)

Result History SVD (SVD) ExampleSet (Clustering) ExampleSet (SVD)

Open in Turbo Prep Auto Model Filter (10 / 10 examples): all

Row No.	NAMA	cluster ↑	B.IND	B.ING
1	JOKO	cluster_0	8.540	8.400
3	SUSI	cluster_0	6.200	9.150
7	EKO	cluster_0	7.700	7.710
9	WAWAN	cluster_0	9	8.120
10	MAHMUD	cluster_0	9.810	9.580
4	DIYAH	cluster_1	5.240	7.260
5	WATI	cluster_1	5.700	5.710
8	YANTO	cluster_1	6.600	5.700
2	AGUS	cluster_2	9.980	6.810
6	IKA	cluster_2	8.570	5.870

ExampleSet (10 examples, 2 special attributes, 2 regular attributes)

Repository

- Training Resources (connected)
- Community Samples (connected)
- Samples
- DB (Legacy)
- Local Repository (LABSI-20)
- Connections (LABSI-20)
- data (LABSI-20)
- processes (LABSI-20)
- Data_NilaiUjian (LABSI-20 - v1, 11/14/19)

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

kegiatanmodul10_dwdm - Word

Sign in

<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

Find data, operators, etc. All Studio

Result History

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

Cluster Model (Clustering) ExampleSet (/Local Repository/Data_TugasNilaiUjian)

Zoom

Tree

☒ Node Labels

☒ Edge Labels

0 1 2 3

root set

Repository

Import Data

(connected)

(connected)

LABSI-20

LABSI-20

LABSI-20

LABSI-20 - v1, 11/14/19 10:40 AM - 447 bytes

Ujian (LABSI-20 - v1, 11/14/19 11:14 AM - 1 KB)

Page 12 of 1

11:20 AM 11/14/2019