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MODUL 10

LATIHAN & TUGAS

The screenshot shows the RapidMiner Studio interface with the 'Results' view selected. The main window displays the output of an SVD process. The 'SVD (SVD)' process is selected, and its results are shown in a table. The table has five columns: Component, Singular Value, Proportion of Singular Values, Cumulative Singular Values, and Cumulative Proportion of Singular Values. The results are as follows:

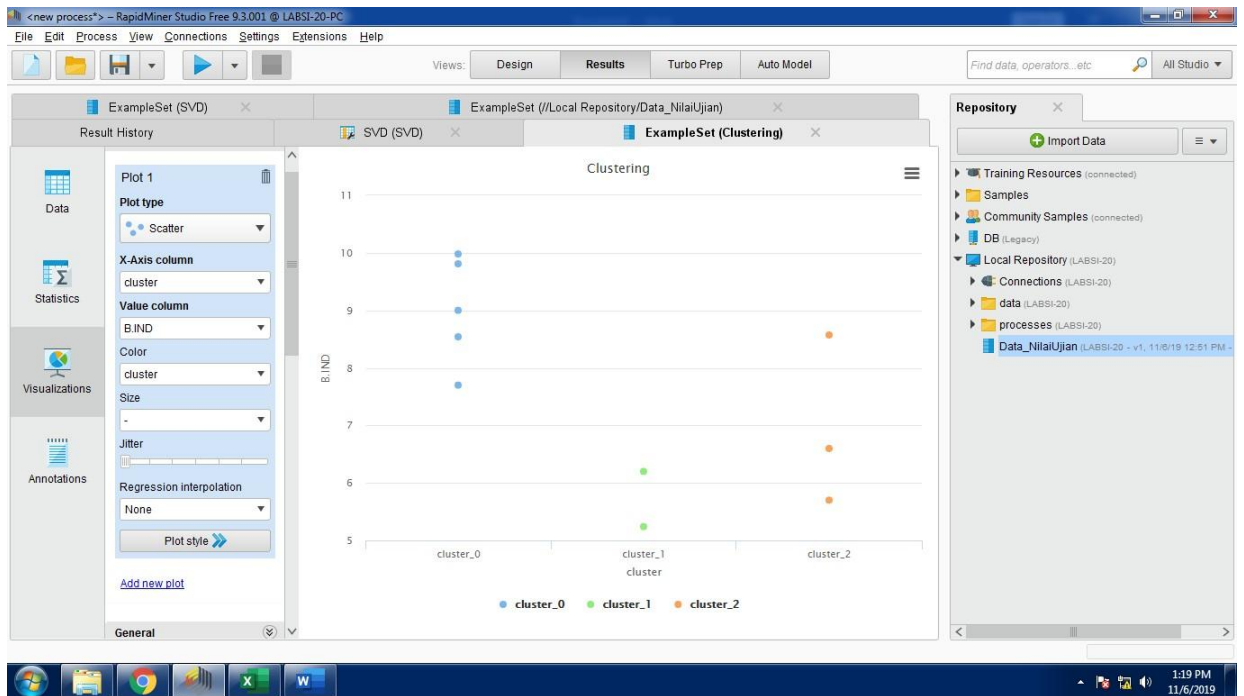
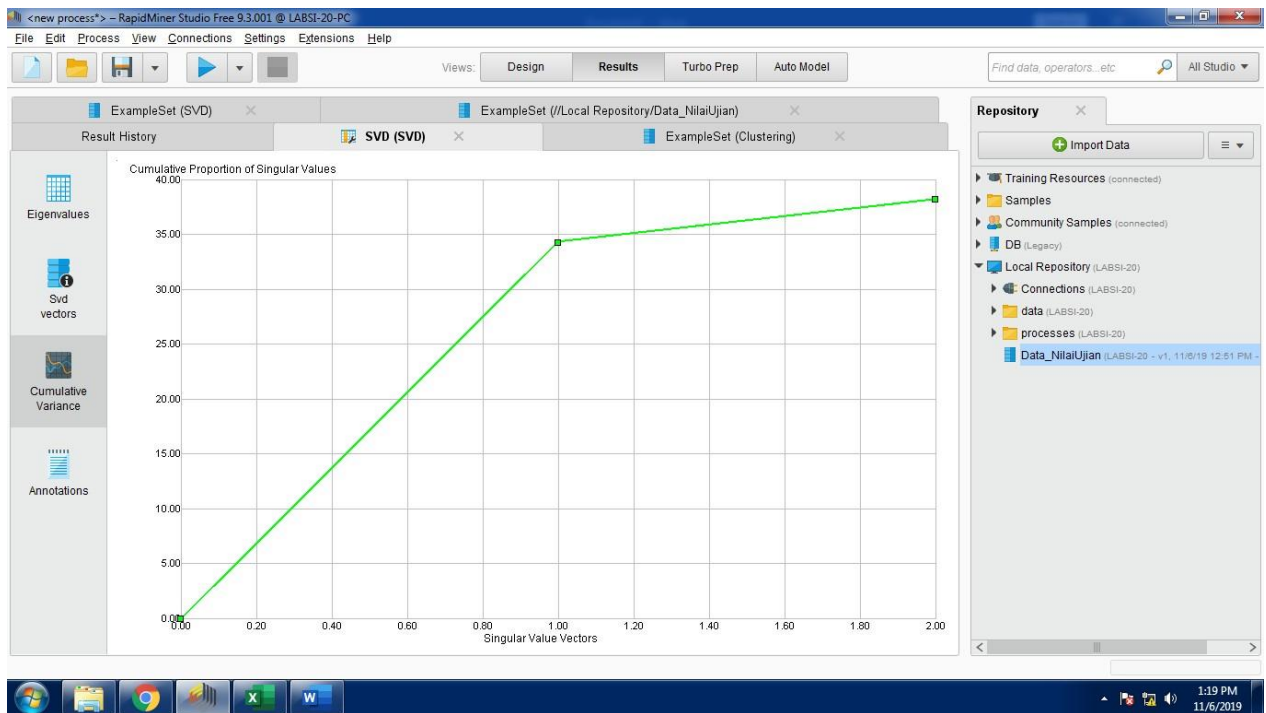
Component	Singular Value	Proportion of Singular Values	Cumulative Singular Values	Cumulative Proportion of Singular Values
SVD 1	34.340	0.898	34.340	0.898
SVD 2	3.906	0.102	38.246	1.000

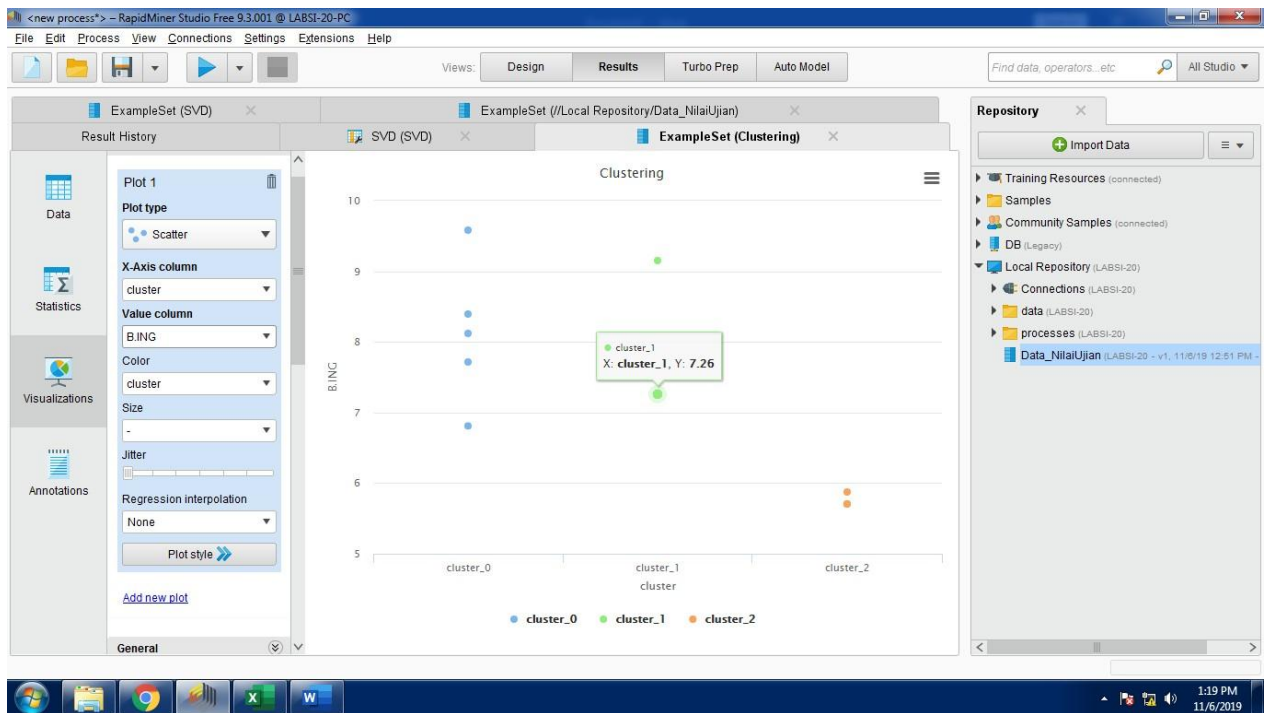
The left sidebar shows the 'Eigenvalues' section with icons for Svd vectors, Cumulative Variance, and Annotations. The right sidebar shows the 'Repository' view with a tree structure of data sources, including 'Data_NilaiUjian'.

The screenshot shows the RapidMiner Studio interface with the 'Results' view selected. The main window displays the output of an SVD process. The 'SVD (SVD)' process is selected, and its results are shown in a table. The table has two columns: Attribute and SVD Vector 1. The results are as follows:

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

The left sidebar shows the 'Eigenvalues' section with icons for Svd vectors, Cumulative Variance, and Annotations. The right sidebar shows the 'Repository' view with a tree structure of data sources, including 'Data_NilaiUjian'.





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

ExampleSet (SVD) ExampleSet (/Local Repository/Data_NilaiUjian)

Result History

Open in: Turbo Prep Auto Model

Filter (10 / 10 examples): all

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

ExampleSet (10 examples, 2 special attributes, 1 regular attribute)

Repository

Import Data

Training Resources (connected)

Samples

Community Samples (connected)

DB (Legacy)

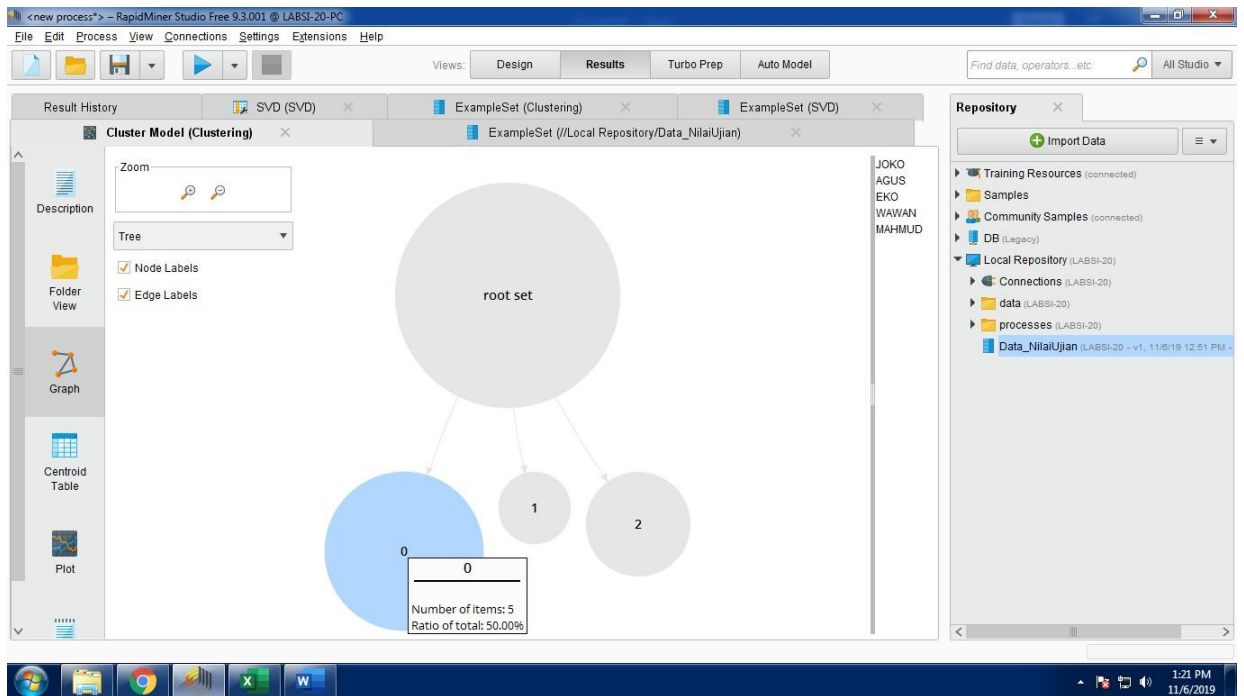
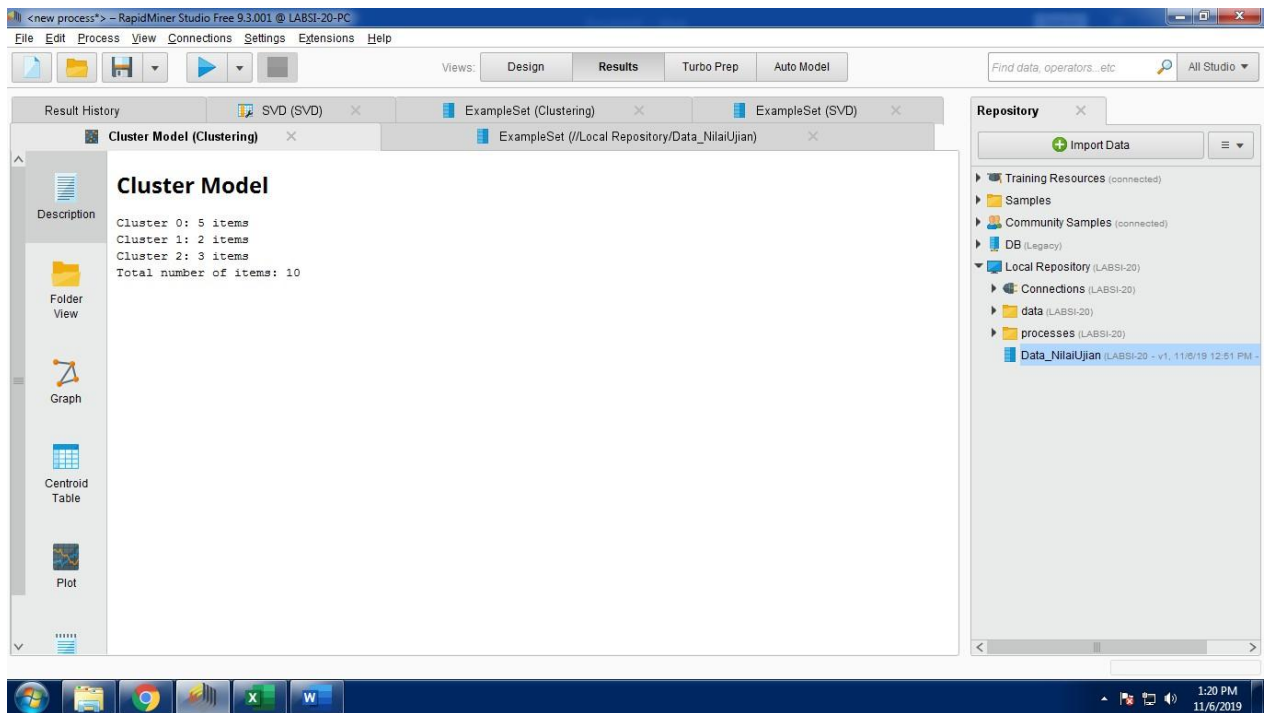
Local Repository (LABSI-20)

Connections (LABSI-20)

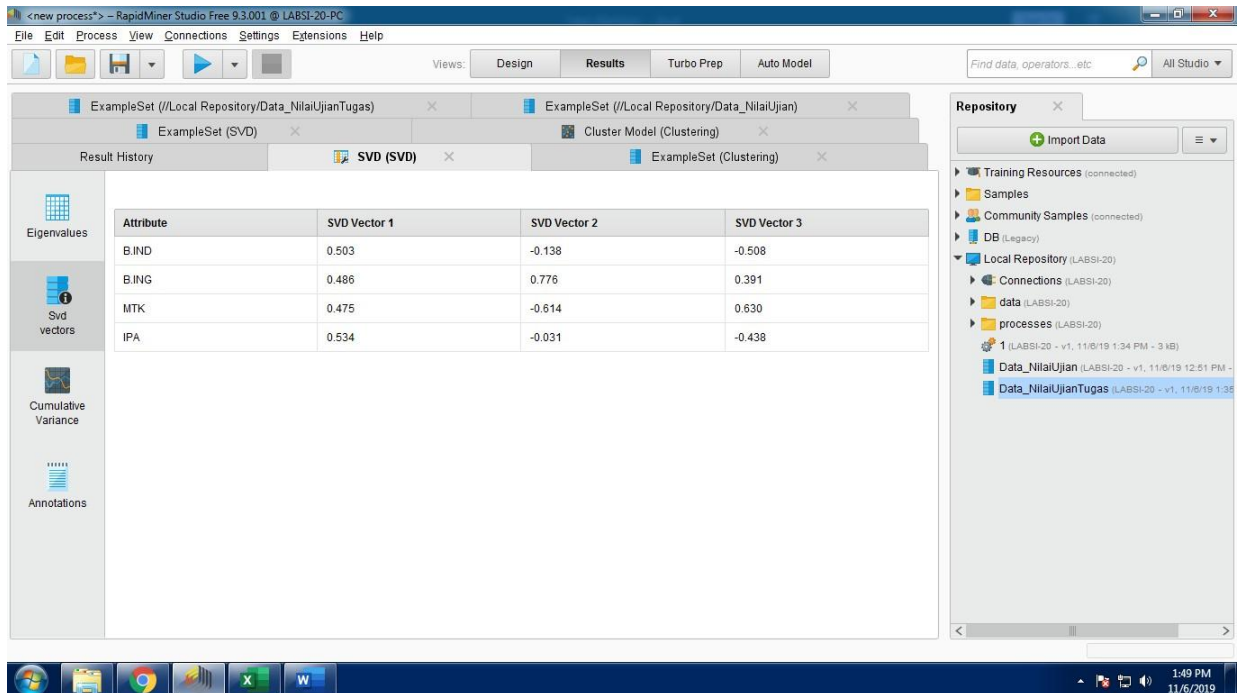
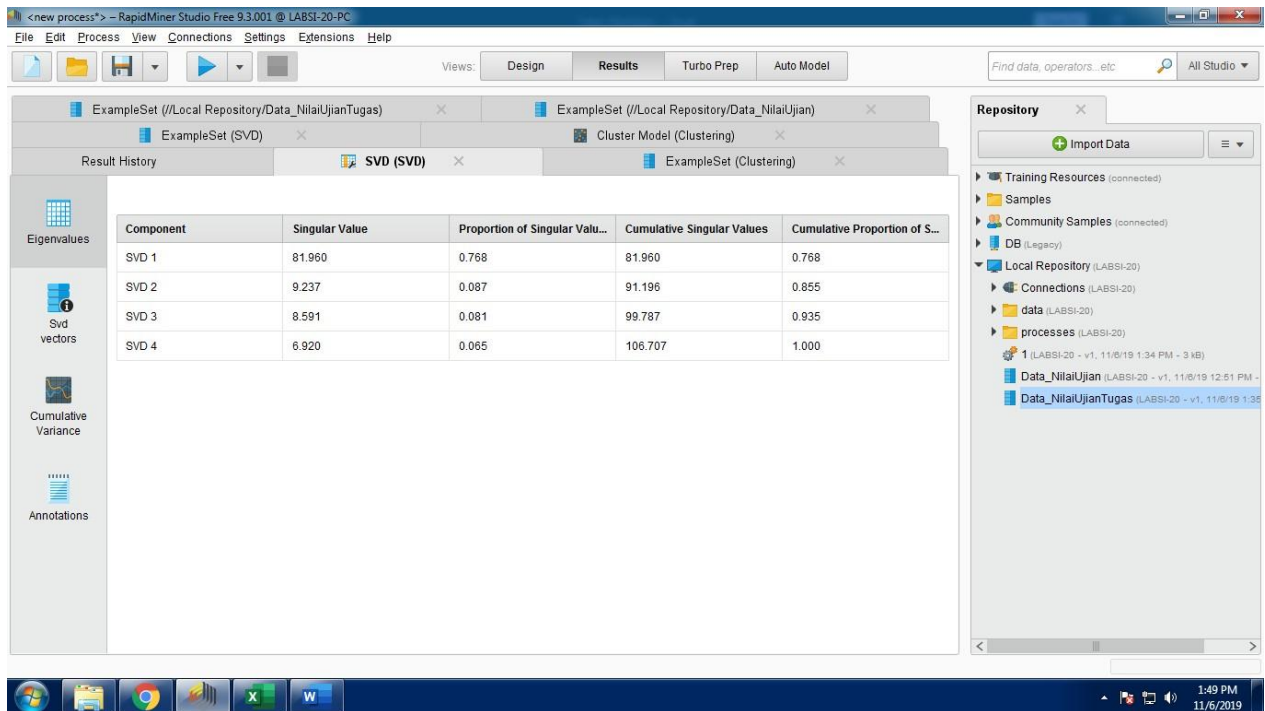
data (LABSI-20)

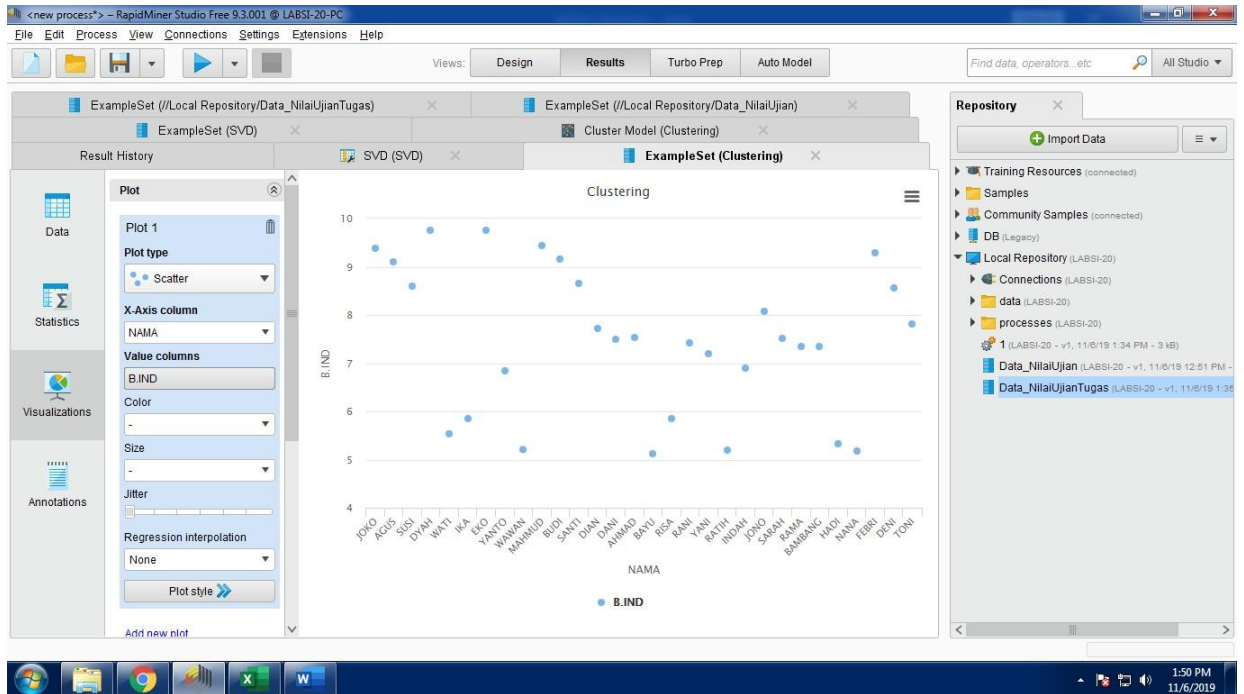
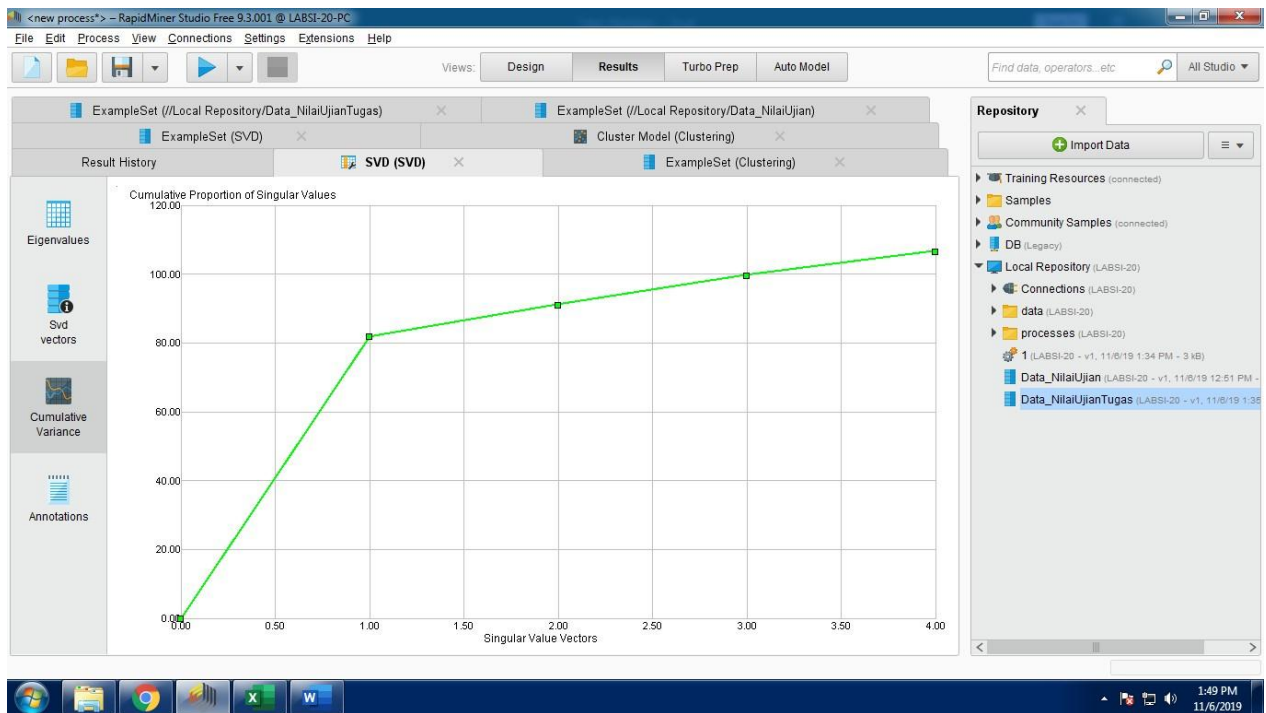
processes (LABSI-20)

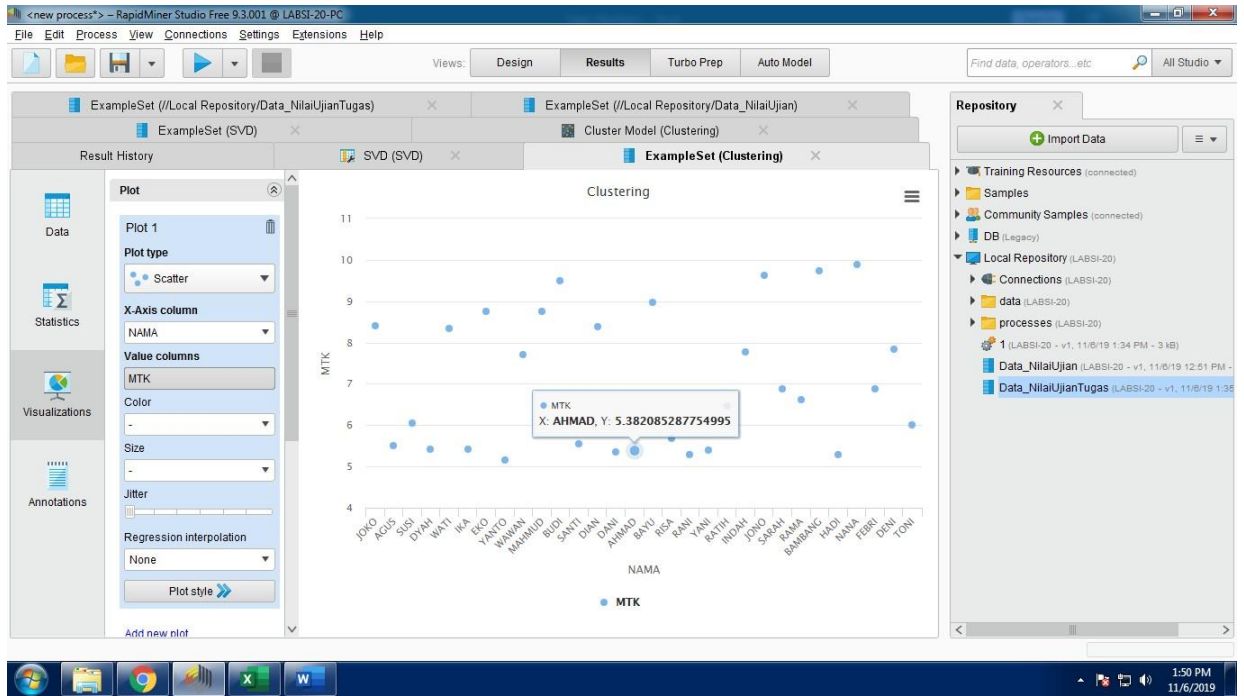
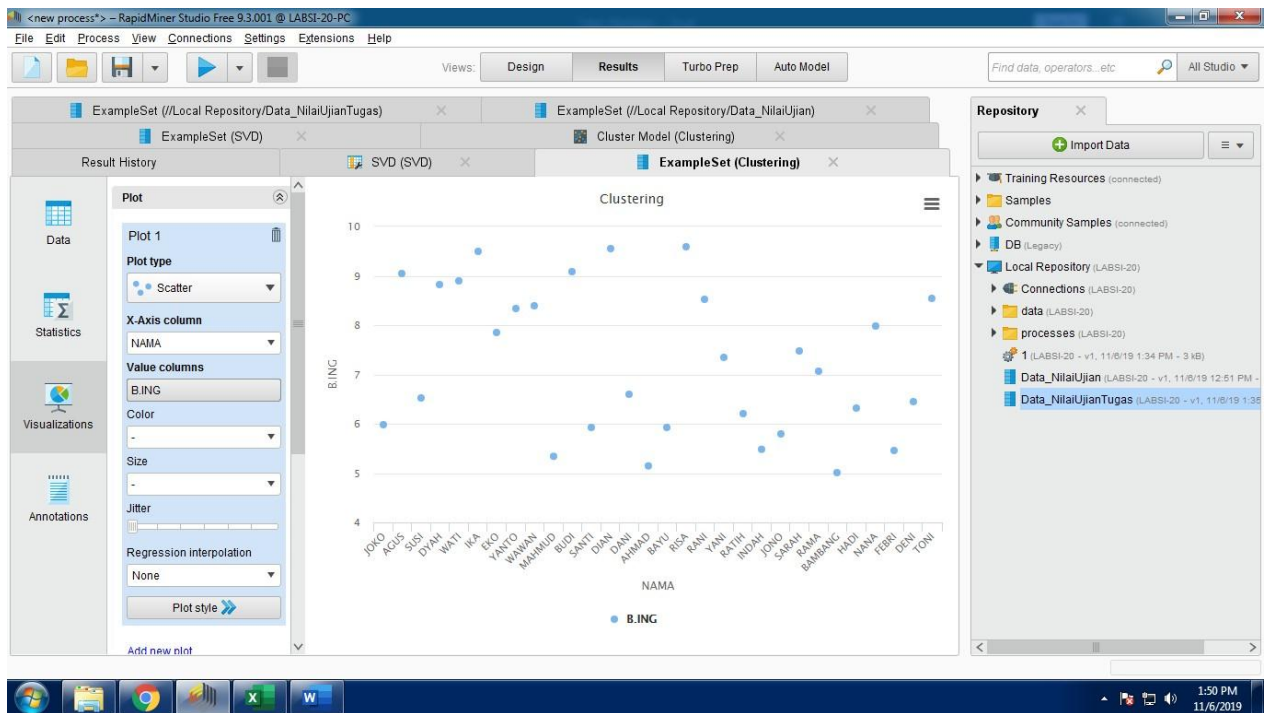
Data_NilaiUjian (LABSI-20 - v1, 11/6/19 12:51 PM)

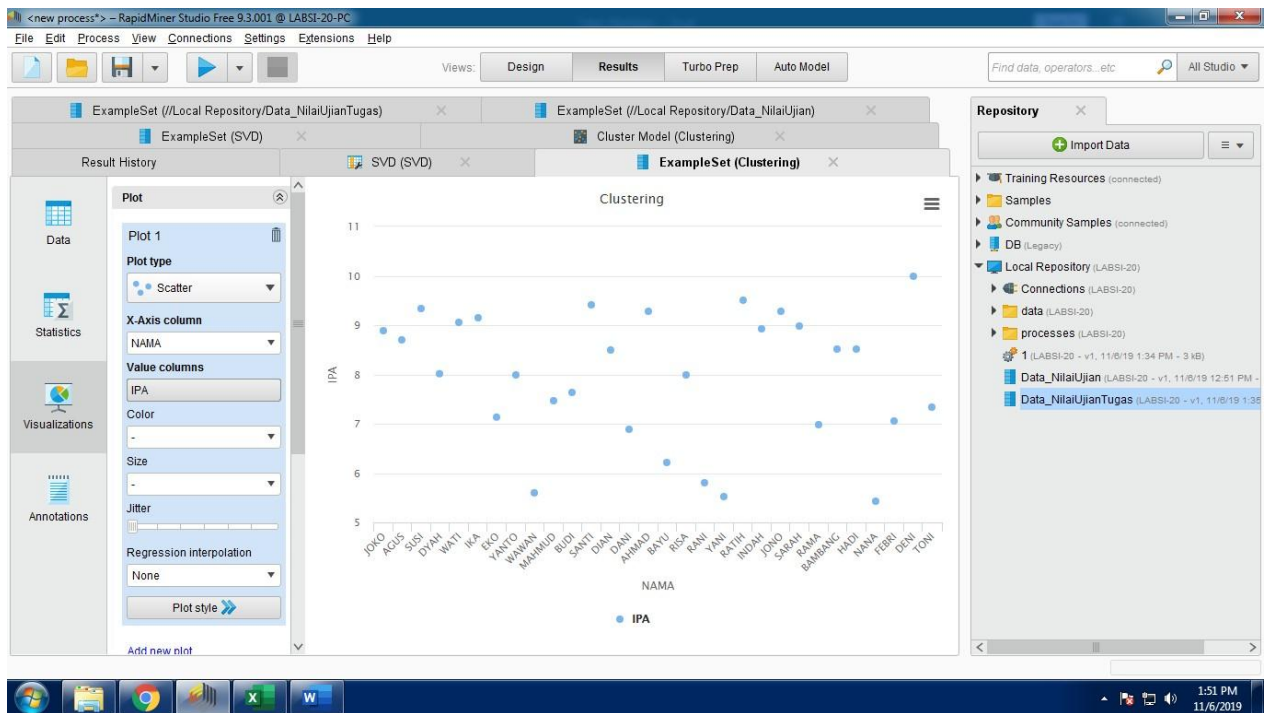


TUGAS 1









ExampleSet (SVD) ExampleSet (Clustering) Cluster Model (Clustering)

Open in Turbo Prep Auto Model

Filter (30 / 30 examples): all

Row No.	NAMA	cluster ↑	svd_1
1	JOKO	cluster_0	0.200
7	EKO	cluster_0	0.204
10	MAHMUD	cluster_0	0.189
11	BUDI	cluster_0	0.215
13	DIAN	cluster_0	0.208
21	INDAH	cluster_0	0.178
22	JONO	cluster_0	0.200
25	BAMBANG	cluster_0	0.187
28	FEBRI	cluster_0	0.175
29	DENI	cluster_0	0.201
2	AGUS	cluster_1	0.198
3	SUSI	cluster_1	0.187
4	DYAH	cluster_1	0.196

ExampleSet (30 examples, 2 special attributes, 1 regular attribute)

Repository

- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
- Local Repository (LABSI-20)
 - Connections (LABSI-20)
 - data (LABSI-20)
 - processes (LABSI-20)
 - 1 (LABSI-20 - v1, 11/6/19 1:34 PM - 3 KB)
 - Data_NilaiUjian (LABSI-20 - v1, 11/6/19 12:51 PM - 3 KB)
 - Data_NilaiUjianTugas (LABSI-20 - v1, 11/6/19 1:35 PM - 3 KB)

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 (/Local Repository/Data_NilaiUjianTugas)
- ExampleSet (/Local Repository/Data_NilaiUjian)
- ExampleSet (SVD)
- Cluster Model (Clustering)

Cluster Model

Description

Cluster 0: 10 items
Cluster 1: 16 items
Cluster 2: 4 items
Total number of items: 30

Folder View

Graph

Centroid Table

Plot

Repository

- Import Data
- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
- Local Repository (LABSI-20)
 - Connections (LABSI-20)
 - data (LABSI-20)
 - processes (LABSI-20)
 - 1 (LABSI-20 - v1, 11/6/19 1:34 PM - 3 KB)
 - Data_NilaiUjian (LABSI-20 - v1, 11/6/19 12:51 PM - 3 KB)
 - Data_NilaiUjianTugas (LABSI-20 - v1, 11/6/19 1:35 PM - 3 KB)

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 (/Local Repository/Data_NilaiUjianTugas)
- ExampleSet (/Local Repository/Data_NilaiUjian)
- ExampleSet (SVD)
- Cluster Model (Clustering)

Cluster Model

Description

Zoom

Tree

☒ Node Labels

☒ Edge Labels

Folder View

Graph

Centroid Table

Plot

Repository

- Import Data
- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
- Local Repository (LABSI-20)
 - Connections (LABSI-20)
 - data (LABSI-20)
 - processes (LABSI-20)
 - 1 (LABSI-20 - v1, 11/6/19 1:34 PM - 3 KB)
 - Data_NilaiUjian (LABSI-20 - v1, 11/6/19 12:51 PM - 3 KB)
 - Data_NilaiUjianTugas (LABSI-20 - v1, 11/6/19 1:35 PM - 3 KB)

