

Nama : FIDA AMY N A  
Nim : I200170075  
Kelas : C

# Tugas

1. .

1	NO_SISWA	NAMA	B.IND	B.ING	MTK	IPA
2	S-101	JOKO	6,97	5,56	6,27	9,52
3	S-102	AGUS	6,61	5,88	6,36	7,25
4	S-103	SUSI	8,98	8,56	8,41	8,89
5	S-104	DYAH	8,62	9,38	7,09	8,32
6	S-105	WATI	7,76	9,95	8,13	6,71
7	S-106	IKA	6,89	8,14	5,31	6,94
8	S-107	EKO	9,05	9,67	6,81	9,95
9	S-108	YANTO	6,59	5,57	5,02	9,08
10	S-109	WAWAN	6,98	8,07	7,06	9,89
11	S-110	MAHMUD	7,16	7,15	9,88	5,37
12	S-111	BUDI	6,11	8,61	5,41	8,89
13	S-112	SANTI	9,46	9,41	9,14	6,88
14	S-113	DIAN	6,43	7,38	9,80	7,92
15	S-114	DANI	8,09	8,49	9,87	9,15
16	S-115	AHMAD	9,02	8,16	5,17	9,70
17	S-116	BAYU	9,14	6,12	6,78	9,09
18	S-117	RISA	5,41	5,41	5,54	6,96
19	S-118	RANI	9,23	6,56	7,89	8,94
20	S-119	YANI	5,24	7,09	7,62	7,09
21	S-120	RATIH	9,76	8,75	9,57	6,71
22	S-121	INDAH	7,13	7,78	7,63	6,18
23	S-122	JONO	7,77	9,20	9,40	5,18
24	S-123	SARAH	9,89	7,63	6,74	5,65
25	S-124	RAMA	7,54	8,04	9,38	6,85
26	S-125	BABANG	9,29	6,51	6,34	9,12
27	S-126	HADI	9,13	6,67	8,07	6,42
28	S-127	NANA	8,18	8,40	5,09	9,04
29	S-128	FEBRI	7,07	7,78	8,88	5,93
30	S-129	DENI	5,35	6,99	5,02	8,18
31	S-130	TONI	5,96	5,09	8,75	5,59
32						
33						

2. .

Import Data - Select the cells to import.

### Select the cells to import.

Sheet: Sheet1 Cell range: B1:F31 Select All ☒ Define header row: 1

	A	B	C	D	E	F
1	NO_SISWA	NAMA	B.IND	B.ING	MTK	IPA
2	S-101	JOKO	6.973	5.557	6.275	9.517
3	S-102	AGUS	6.613	5.879	6.361	7.254
4	S-103	SUSI	8.982	8.561	8.412	8.888
5	S-104	DYAH	8.621	9.383	7.091	8.324
6	S-105	WATI	7.764	9.946	8.131	6.711
7	S-106	IKA	6.891	8.140	5.314	6.941
8	S-107	EKO	9.051	9.673	6.806	9.953
9	S-108	YANTO	6.588	5.566	5.024	9.079
10	S-109	WAWAN	6.985	8.074	7.059	9.891
11	S-110	MAHMUD	7.158	7.153	9.878	5.374
12	S-111	BUDI	6.110	8.611	5.409	8.893
13	S-112	SANTI	9.458	9.408	9.136	6.883
14	S-113	DIAN	6.432	7.378	9.797	7.915
15	S-114	DANI	6.666	6.408	6.866	6.455

← Previous
Next →
✗ Cancel

Import Data - Format your columns.

**Format your columns.**

☐ Replace errors with missing values ⓘ

	NAMA <i>polynomial</i>	B.IND <i>real</i>	B.ING <i>real</i>	MTK <i>real</i>	IPA <i>real</i>
1	JOKO				
2	AGUS				
3	SUSI				
4	DYAH				
5	WATI				
6	IKA				
7	EKO				
8	YANTO				
9	WAWAN	6.985	8.074	7.059	9.891
10	MAHMUD	7.158	7.153	9.878	5.374
11	BUDI	6.110	8.611	5.409	8.893
12	SANTI	9.458	9.408	9.136	6.883
13	DIAN	6.432	7.378	9.797	7.915

no problems.

Previous Next Cancel

Change role

Please enter the new role:

Id

OK Cancel

Close this dialog and apply all changes.

ExampleSet (/Local Repository/data/30siswa) SVD (SVD)

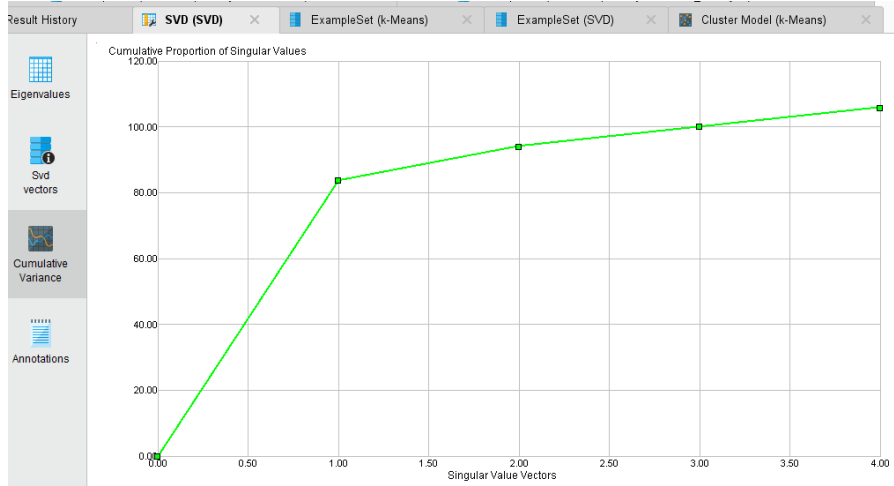
Open in Turbo Prep Auto Model

Row No.	NAMA	B.IND	B.ING	MTK	IPA
1	JOKO	6.973	5.557	6.275	9.517
2	AGUS	6.613	5.879	6.361	7.254
3	SUSI	8.982	8.561	8.412	8.888
4	DYAH	8.621	9.383	7.091	8.324
5	WATI	7.764	9.946	8.131	6.711
6	IKA	6.891	8.140	5.314	6.941
7	EKO	9.051	9.673	6.806	9.953
8	YANTO	6.588	5.566	5.024	9.079
9	WAWAN	6.985	8.074	7.059	9.891
10	MAHMUD	7.158	7.153	9.878	5.374
11	BUDI	6.110	8.611	5.409	8.893
12	SANTI	9.458	9.408	9.136	6.883
13	DIAN	6.432	7.378	9.797	7.915

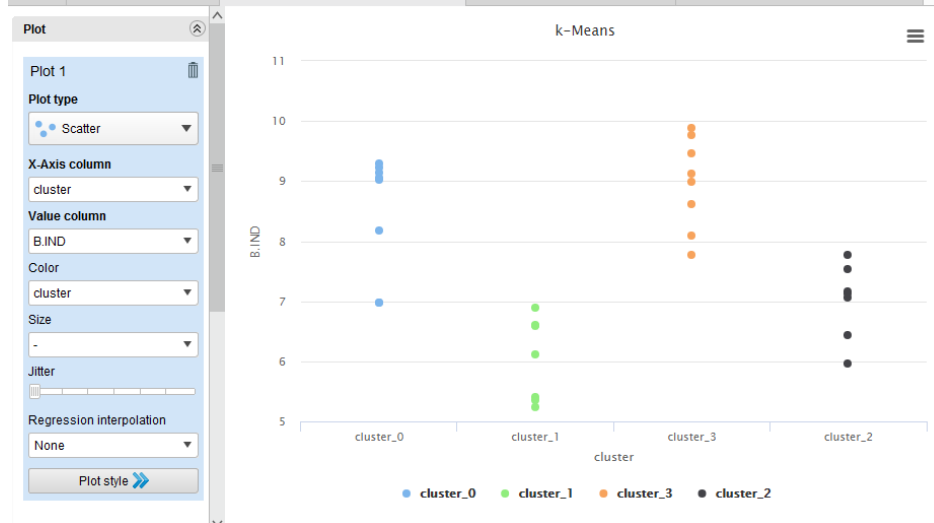
Result History SVD (SVD) ExampleSet (k-Means) ExampleSet (SVD) Cluster Model (k-Means)

Component	Singular Value	Proportion of Singular Valu...	Cumulative Singular Values	Cumulative Proportion of S...
SVD 1	83.781	0.791	83.781	0.791
SVD 2	10.307	0.097	94.088	0.889
SVD 3	6.066	0.057	100.154	0.946
SVD 4	5.717	0.054	105.871	1.000

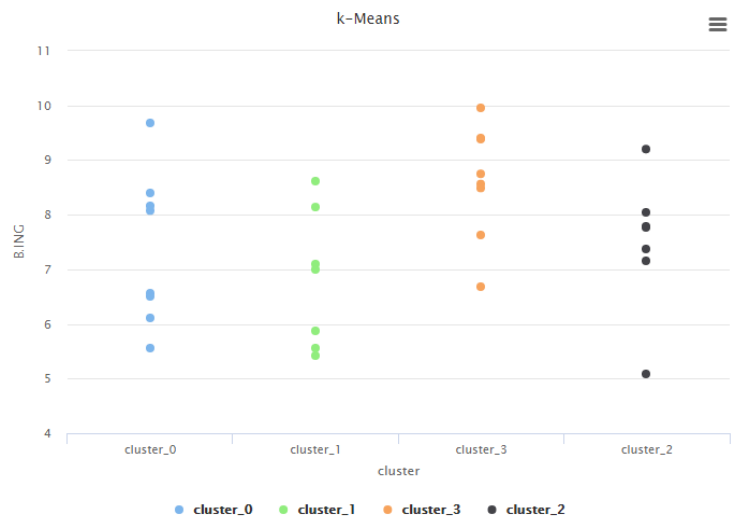
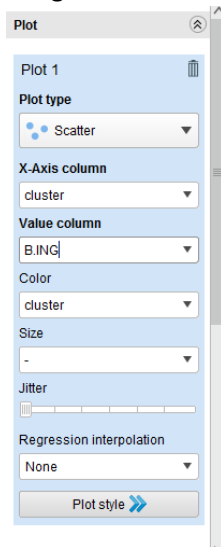
Result History				
	SVD (SVD)	ExampleSet (k-Means)	ExampleSet (SVD)	Cluster Model (k-Means)
Attribute	SVD Vector 1	SVD Vector 2	SVD Vector 3	
B.IND	0.507	-0.031	0.456	
B.ING	0.501	0.081	0.533	
MTK	0.487	0.691	-0.533	
IPA	0.504	-0.717	-0.473	



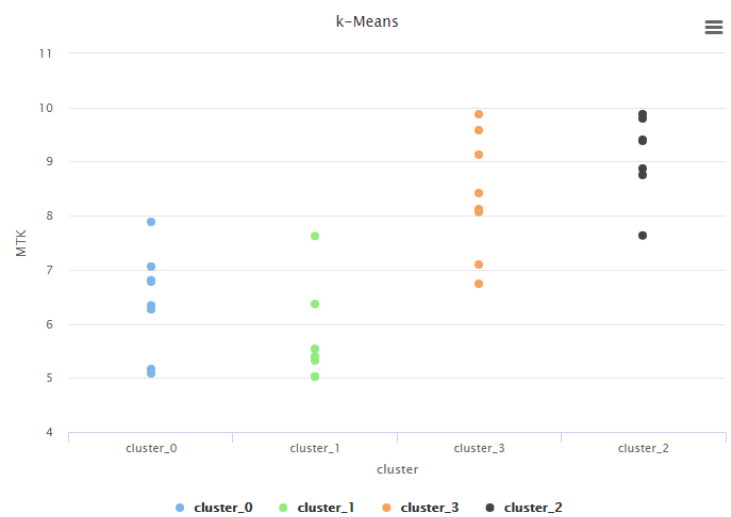
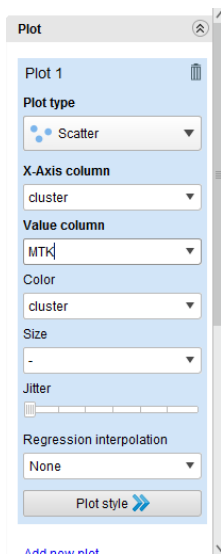
b.ind



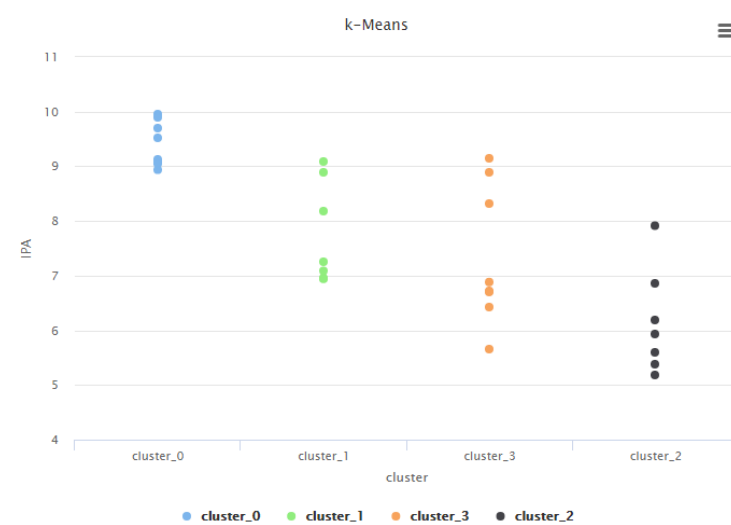
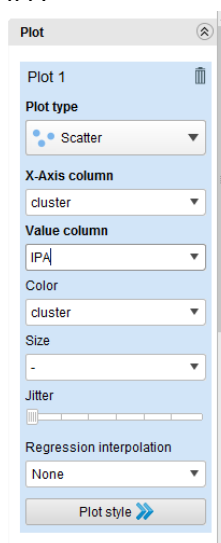
## b.ing



## Mtk



## IPA



Row No.	NAMA	cluster ↑	svd_1
1	JOKO	cluster_0	0.169
7	EKO	cluster_0	0.212
9	WAWAN	cluster_0	0.191
15	AHMAD	cluster_0	0.192
16	BAYU	cluster_0	0.186
18	RANI	cluster_0	0.195
25	BABANG	cluster_0	0.187
27	NANA	cluster_0	0.184
2	AGUS	cluster_1	0.156
6	IKA	cluster_1	0.163
8	YANTO	cluster_1	0.157
11	BUDI	cluster_1	0.173
17	RISA	cluster_1	0.139

Row No.	NAMA	cluster ↑	svd_1
17	RISA	cluster_1	0.139
19	YANI	cluster_1	0.161
29	DENI	cluster_1	0.153
10	MAHMUD	cluster_2	0.176
13	DIAN	cluster_2	0.188
21	INDAH	cluster_2	0.171
22	JONO	cluster_2	0.188
24	RAMA	cluster_2	0.189
28	FEBRI	cluster_2	0.177
30	TONI	cluster_2	0.151
3	SUSI	cluster_3	0.208
4	DYAH	cluster_3	0.200
5	WATI	cluster_3	0.194

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

5	WATI	cluster_3	0.194
12	SANTI	cluster_3	0.208
14	DANI	cluster_3	0.212
20	RATIH	cluster_3	0.207
23	SARAH	cluster_3	0.179
26	HADI	cluster_3	0.181

## CLUSTER MODEL

Result History

SVD (SVD)

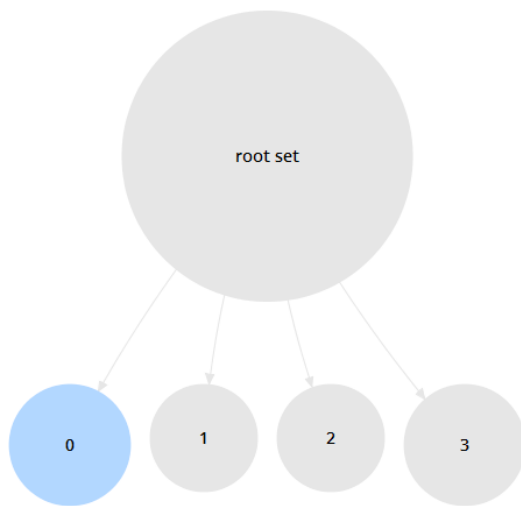
ExampleSet (k-1)

Description

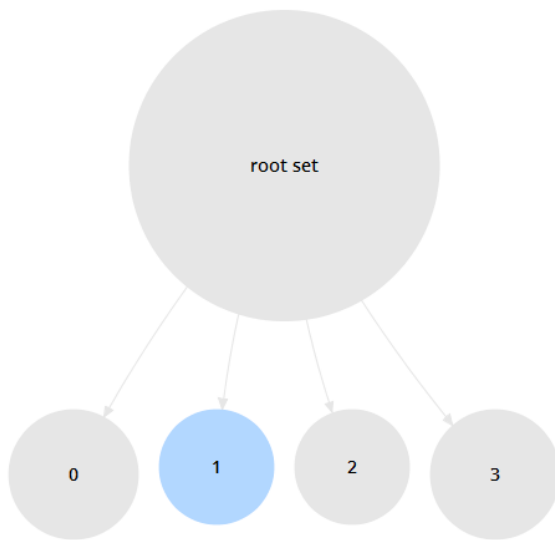
Folder View

### Cluster Model

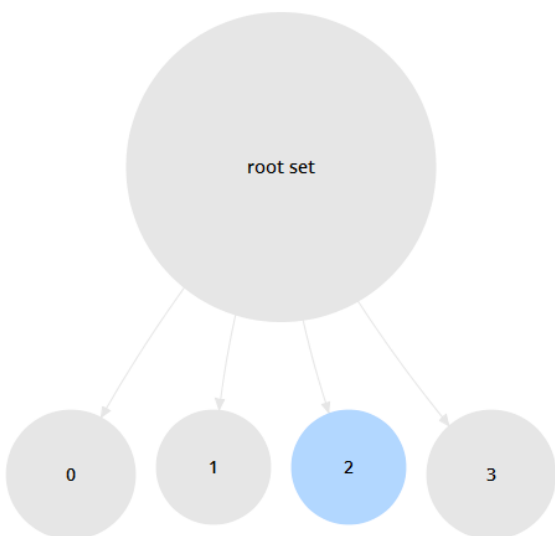
Cluster 0: 8 items  
Cluster 1: 7 items  
Cluster 2: 7 items  
Cluster 3: 8 items  
Total number of items: 30



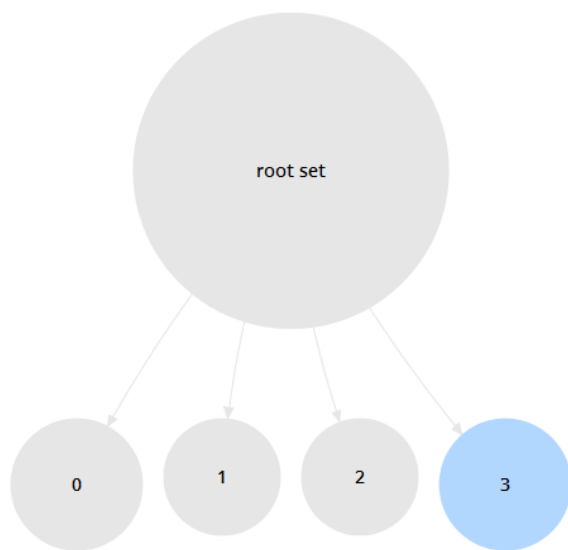
JOKO  
EKO  
WAWAN  
AHMAD  
BAYU  
RANI  
BABANG  
NANA



IKA  
YANTO  
BUDI  
RISA  
YANI  
DENI



MAHMUD  
DIAN  
INDAH  
JONO  
RAMA  
FEBRI  
TONI



SUSI  
DYAH  
WATI  
SANTI  
DANI  
RATIH  
SARAH  
HADI