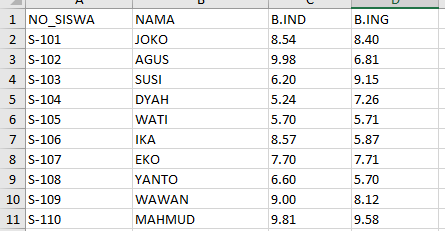
**LAPORAN PRAKTIKUM DWDM MODUL 10**

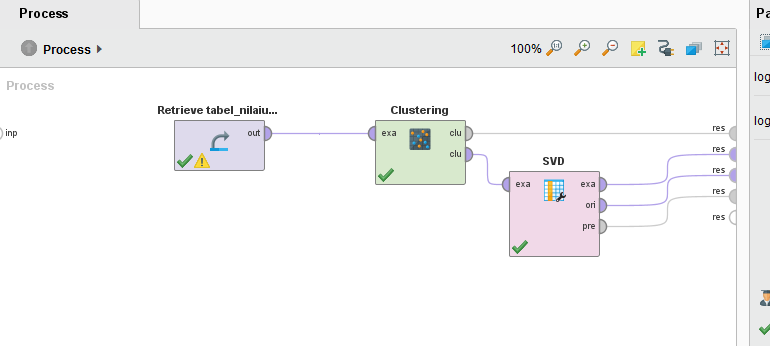
**Nama : Dandi Katerpilarifai**

**NIM : L200170168**

**Latihan**

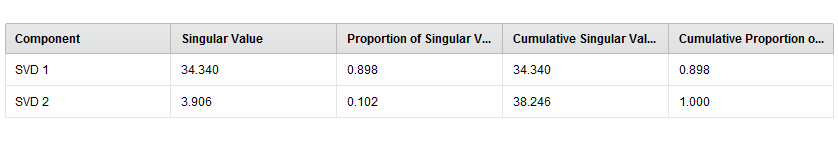
**Pertama membuat sebuah data pada excel dengan file .xls yang di import ke dalam rapid miner, setelah itu menggabungkan data hasil import dengan operator k-means dan operator SVD lalu dihubungkan.**

****

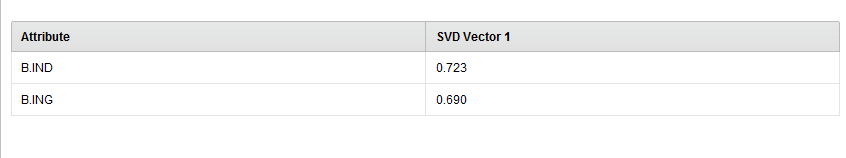
****

**Hingga seperti pada tampilan di atas. Setelah itu melakukan run dan melihat hasilnya seperti pada dibawah ini.**

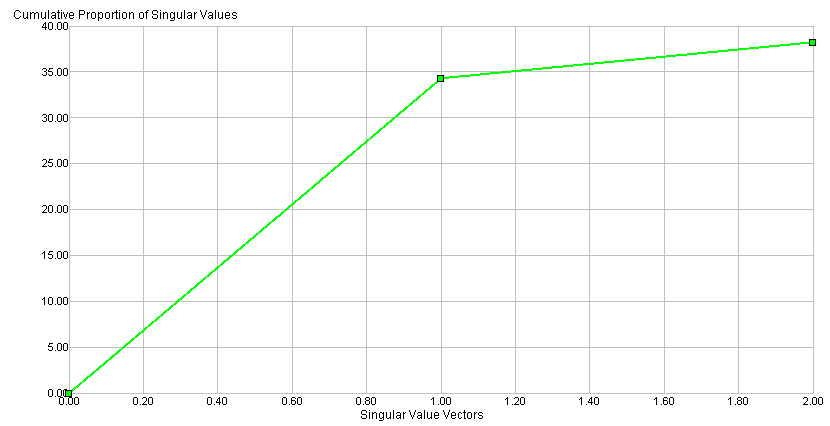
* **SVD (Singular Value Decomposition)**
* **Nilai Eigenvalue**

****

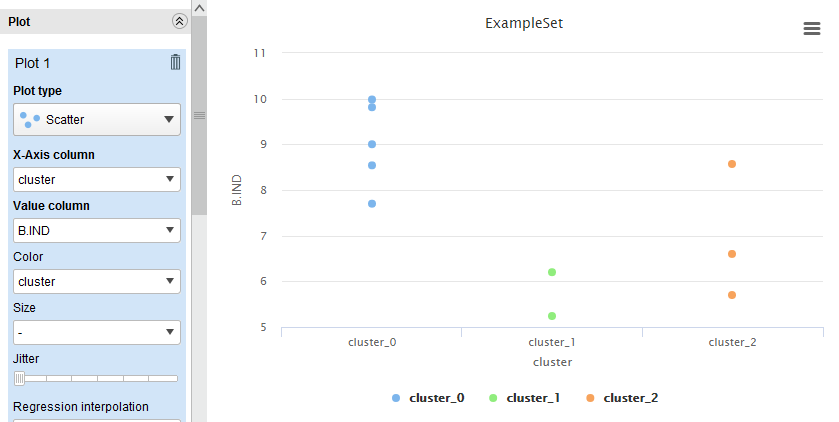
* **Nilai Svd vectors**

****

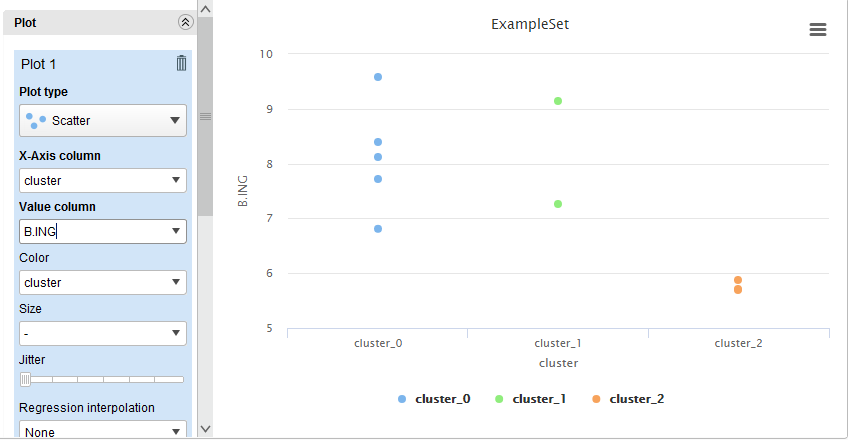
* **Nilai Cumulative Variance**

****

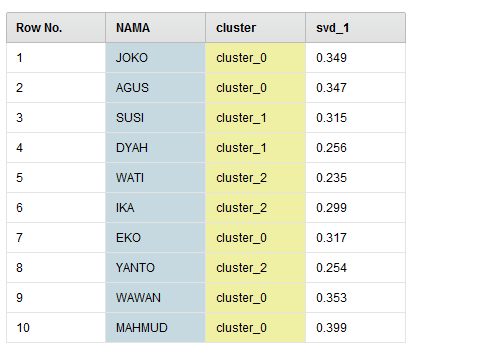
* **ExampleSet (k-means)**
* **Kelompok Siswa bidang B.Indonesia**

****

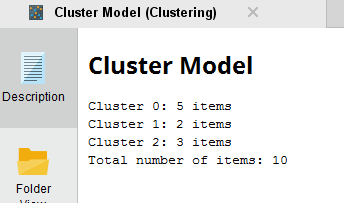
* **Kelompok Siswa bidang B.Inggris**

****

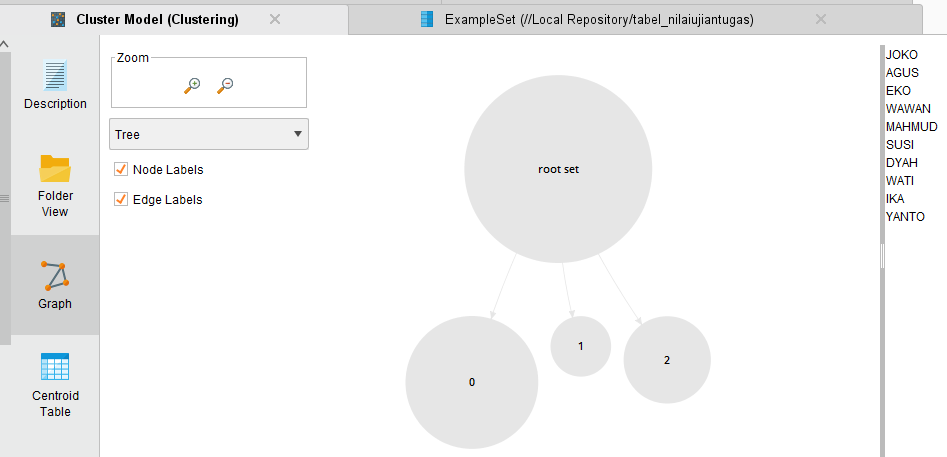
* **ExampleSet (SVD)**

****

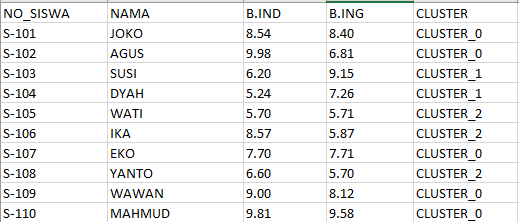
* **Cluster Model (Clustering)**
* **Description**

****

* **Graph**

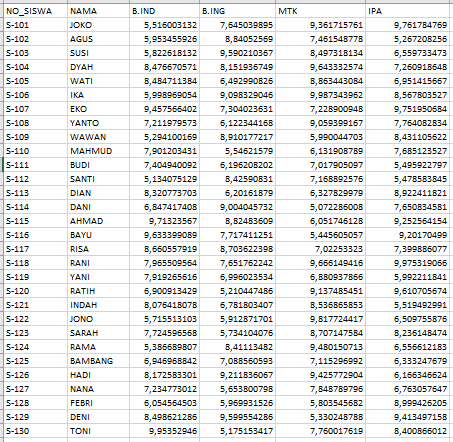
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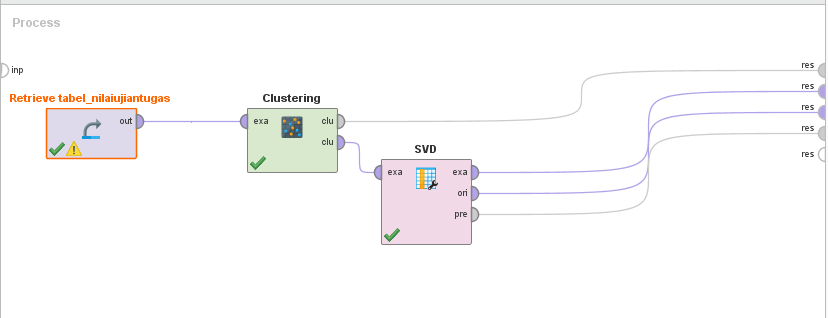
**Interpretasi Hasil Algoritma K-Means**

****

**Tugas**

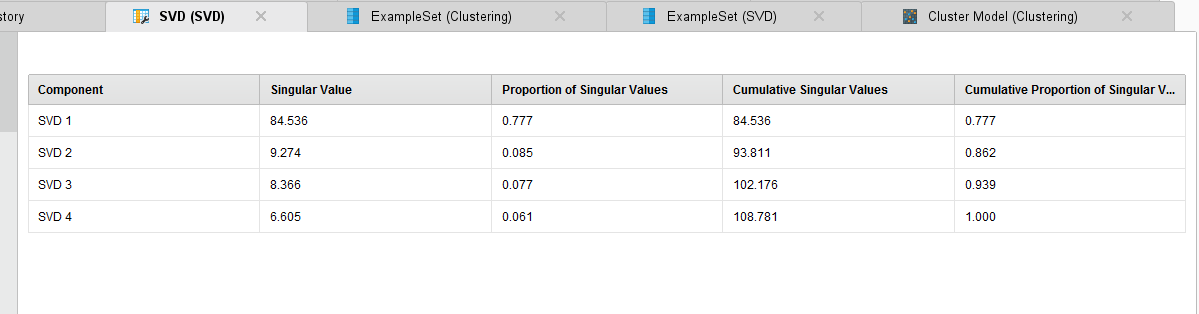
**Membuat file excel dengan data 30 orang lalu di import ke dalam rapid miner seperti pada latihan setelah itu mengkoneksikan operator k-means dan operator svd dengan data hasil import tersebut.**

****

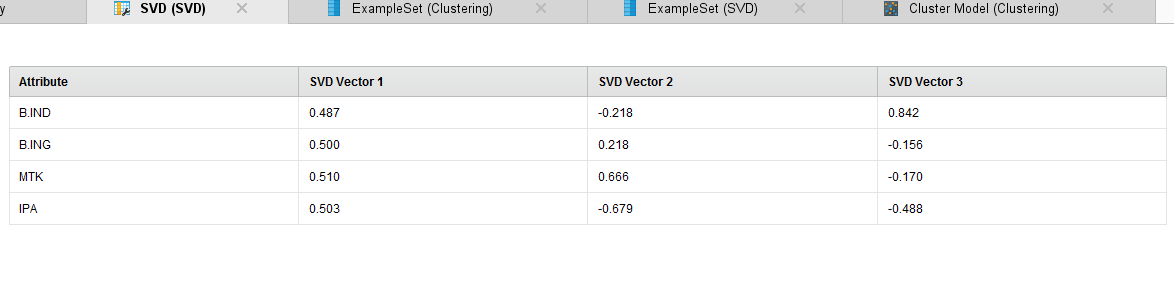
****

**Hingga seperti pada gambar diatas. Setelah itu melakukan run dan lihat hasilnya seperti dibawah.**

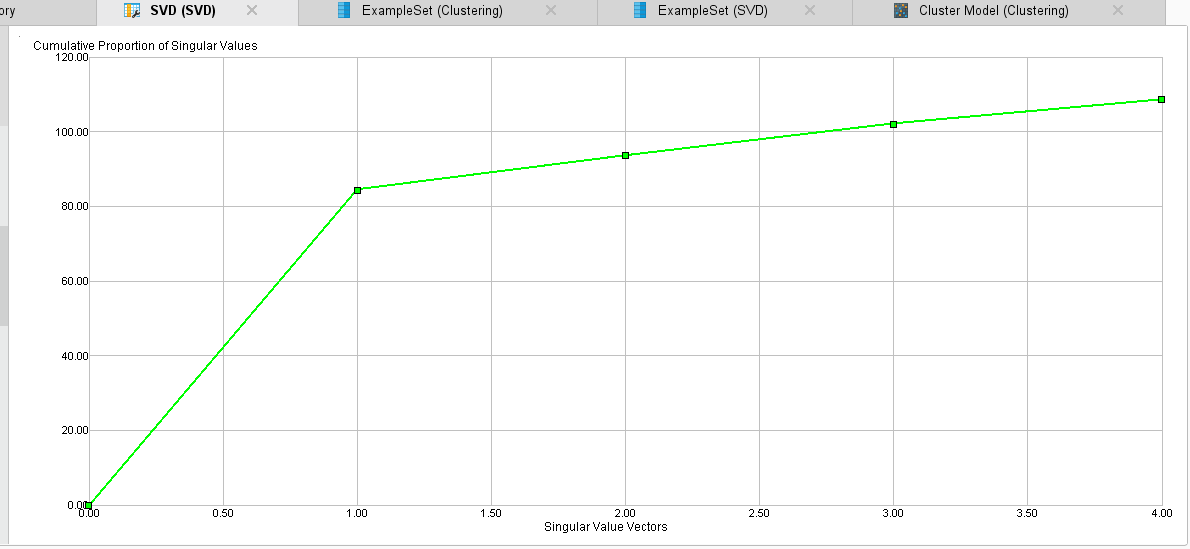
* **SVD (Singular Value Decomposition)**
* **Nilai Eigenvalue**

****

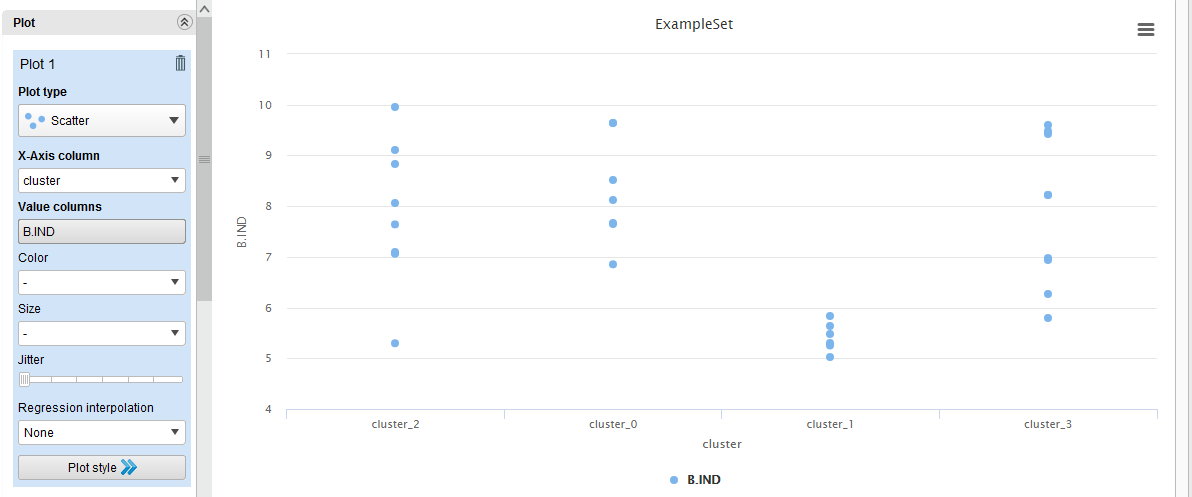
* **Nilai svd vectors**

****

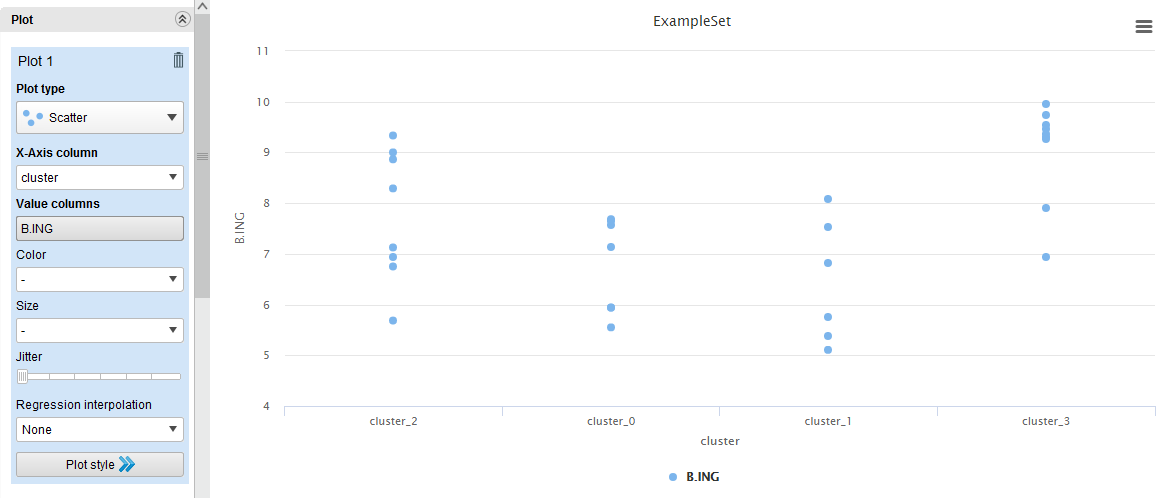
* **Nilai Cumulative Variance**

****

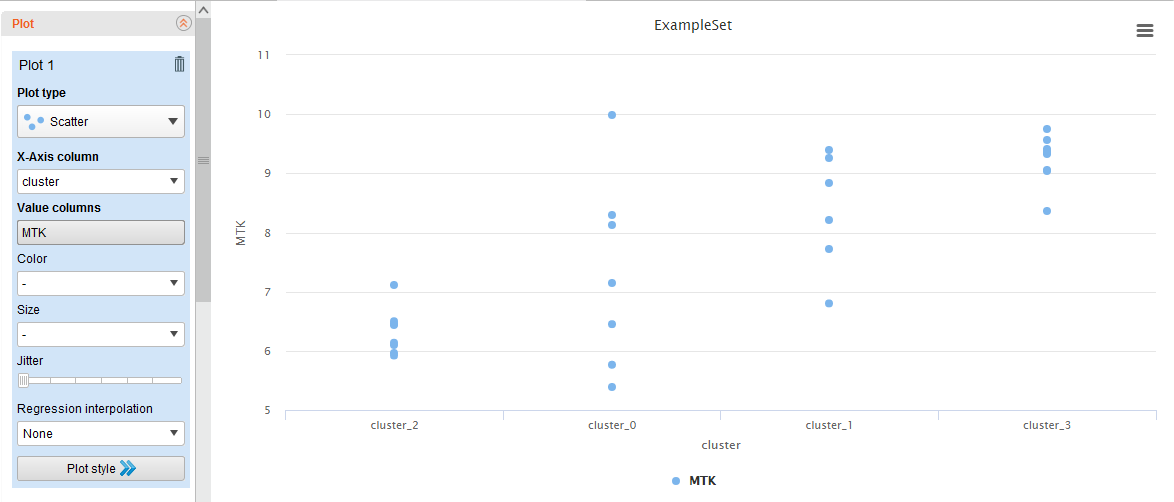
* **ExampleSet (k-means)**
* **Kelompok siswa bidang B.Indonesia**

****

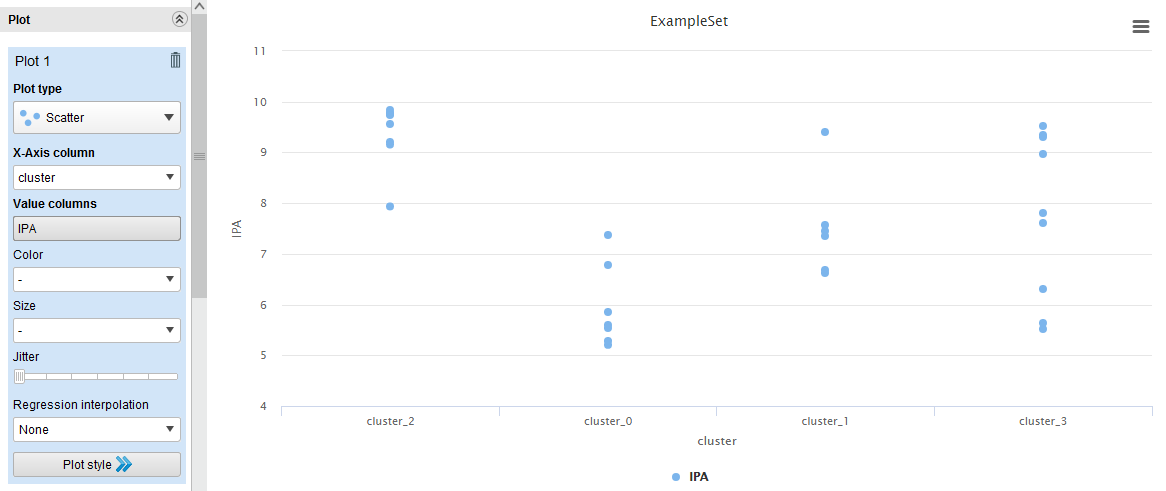
* **Kelompok siswa bidang B.Inggris**

****

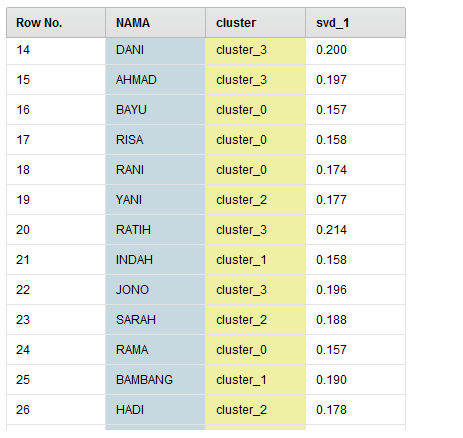
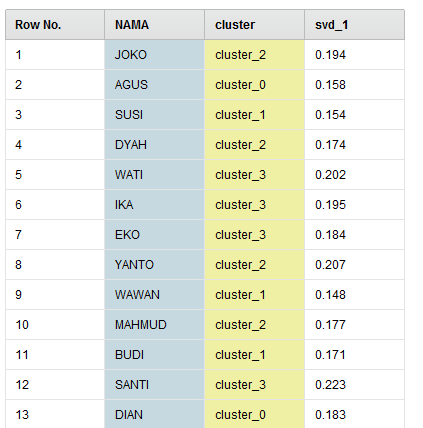
* **Kelompok siswa bidang Matematika**

****

* **Kelompok siswa Bidang IPA**

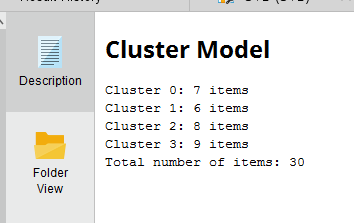


* **ExampleSet (SVD)**

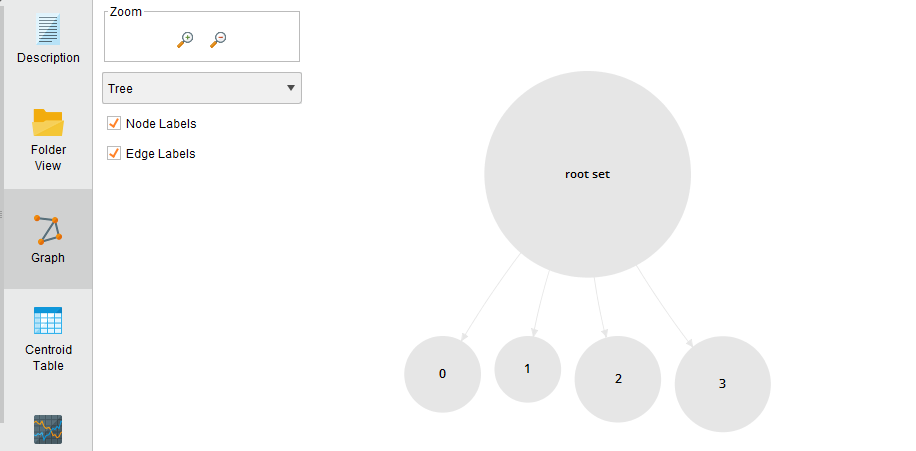
****

****

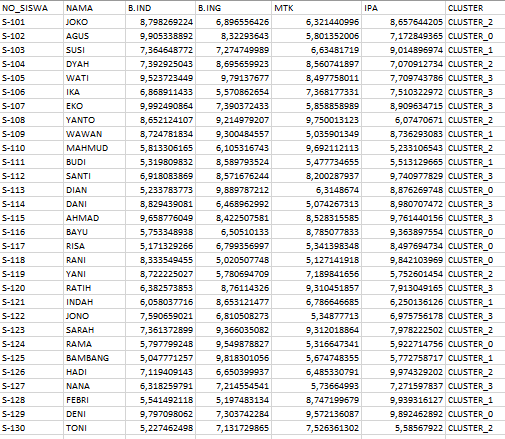
* **Cluster Model (clustering)**
* **Description**

****

* **Graph**

****

* **Interpretasi Hasil Algoritma k-means**

****

* **Cluster\_0**
* **Agus**
* **Dian**
* **Bayu**
* **Risa**
* **Rani**
* **Rama**
* **Deni**
* **Cluster\_1**
* **Susi**
* **Wawan**
* **Budi**
* **Indah**
* **Bambang**
* **Febri**
* **Cluster\_2**
* **Joko**
* **Dyah**
* **Yanto**
* **Mahmud**
* **Yani**
* **Sarah**
* **Hadi**
* **Toni**
* **Cluster\_3**
* **Wati**
* **Ika**
* **Eko**
* **Santi**
* **Dani**
* **Ahmad**
* **Ratih**
* **Jono**
* **Nana**