Experiment 05 - Clustering using RapidMiner

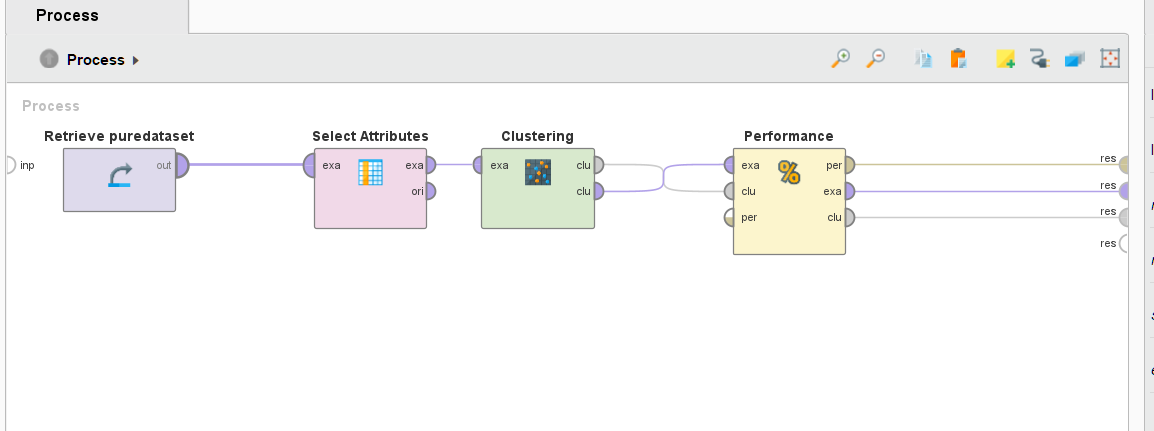
Tool

| Roll No. |  |
| --- | --- |
| Name |  |
| Class | D15A |
| Subject | Business Intelligence Lab |
| LO Mapped | LO2: Organize and prepare the data needed for data  mining algorithms in terms of attributes and class inputs,  training, validating, and testing files.  LO3: Implement the appropriate data mining methods like  classification, clustering or association mining on large  data sets using open source tools like WEKA |
| Grade |  |

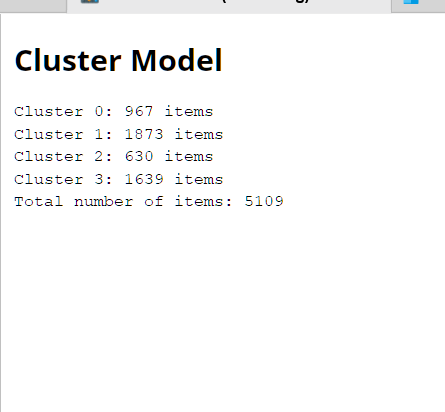
**Implementation:**

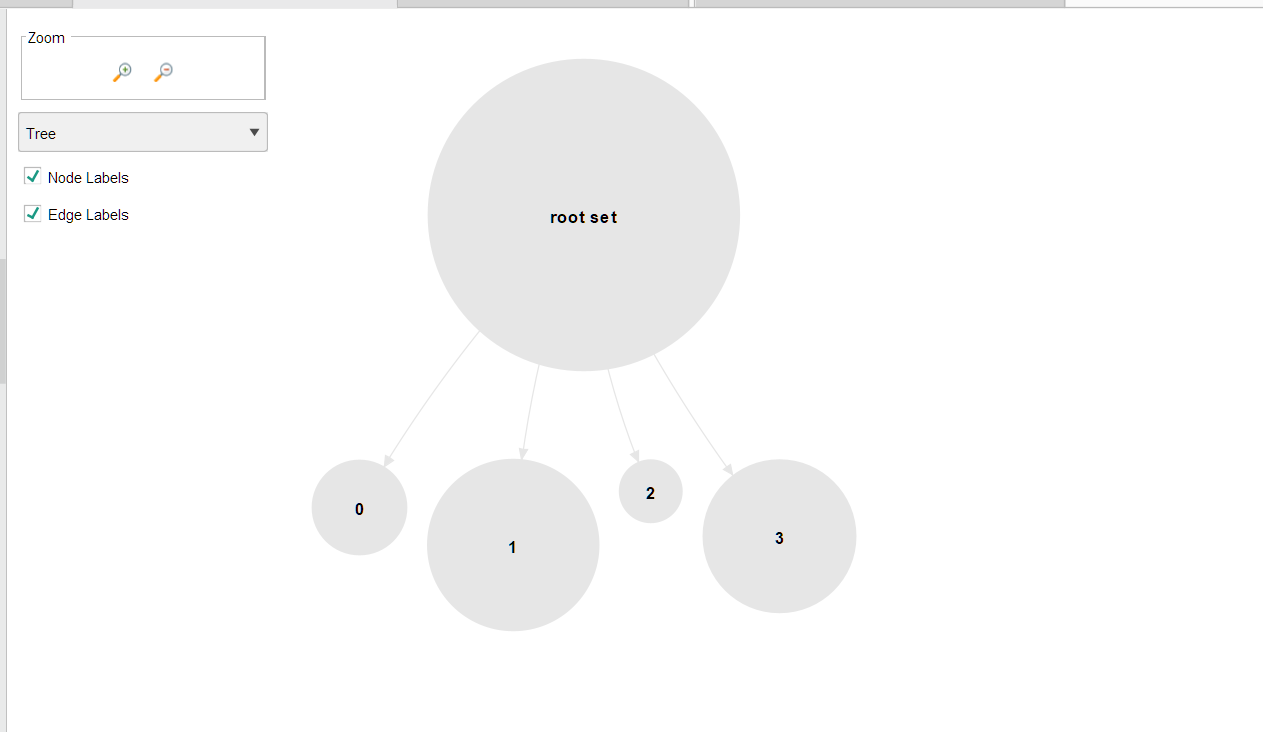
**K-means clustering -**

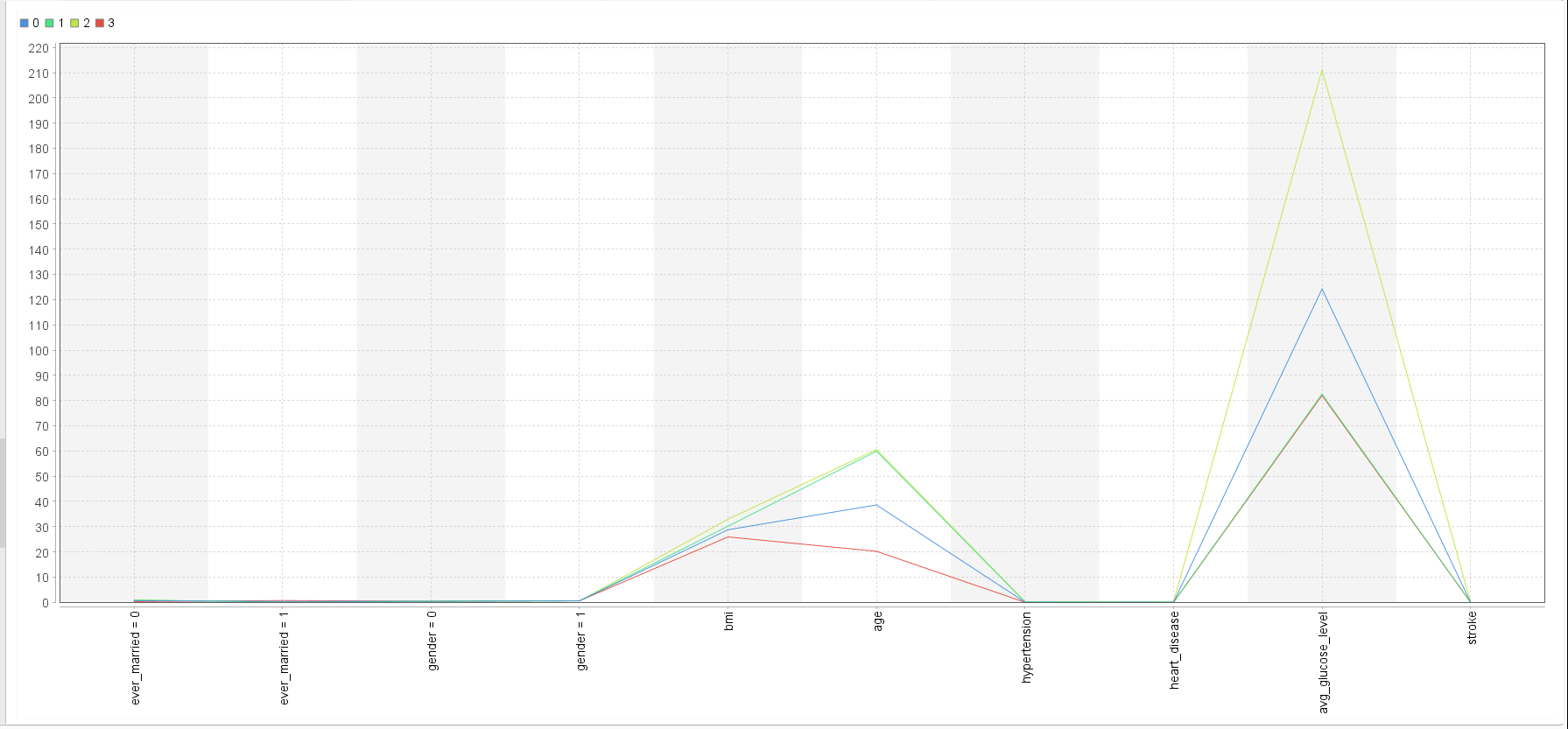
Process -

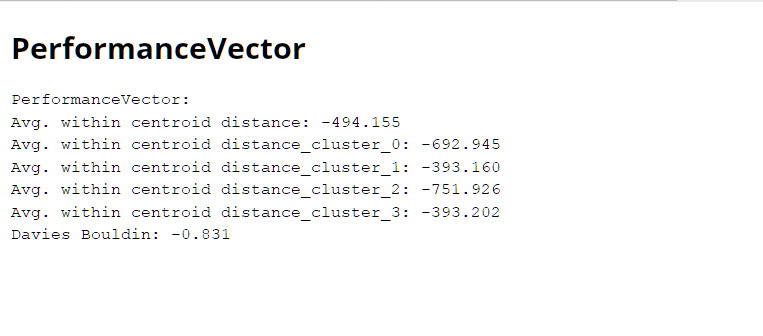
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Output -



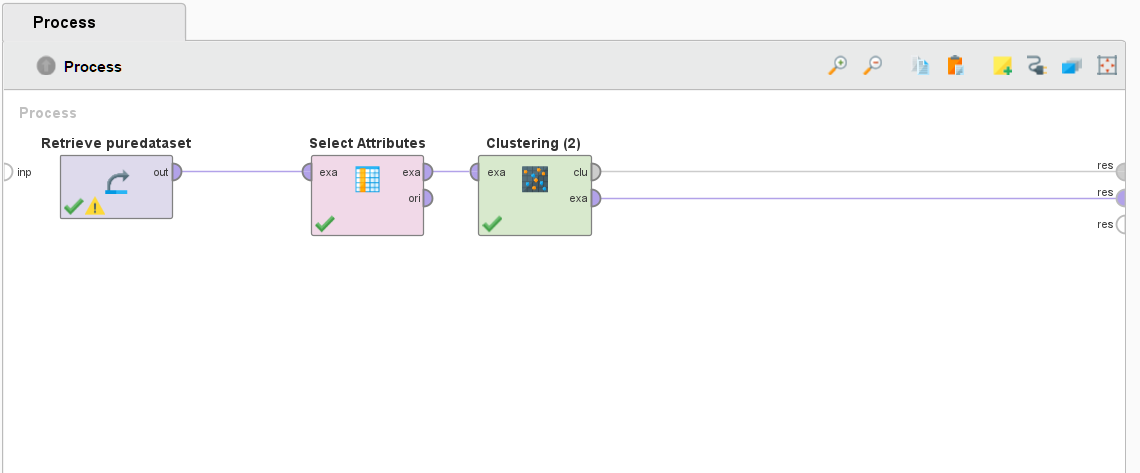
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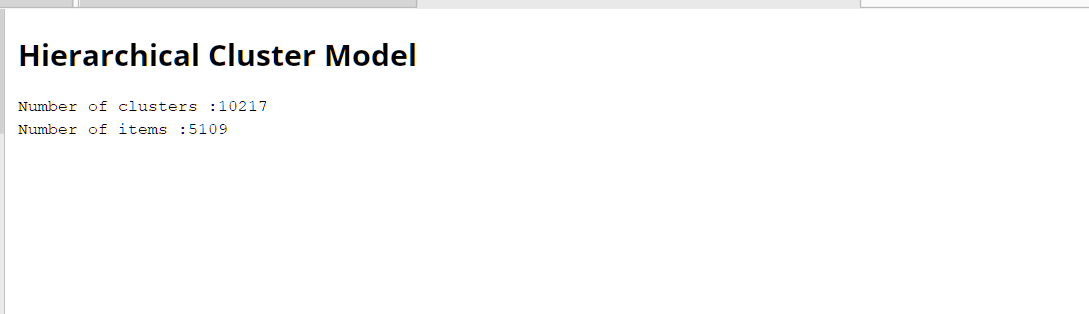
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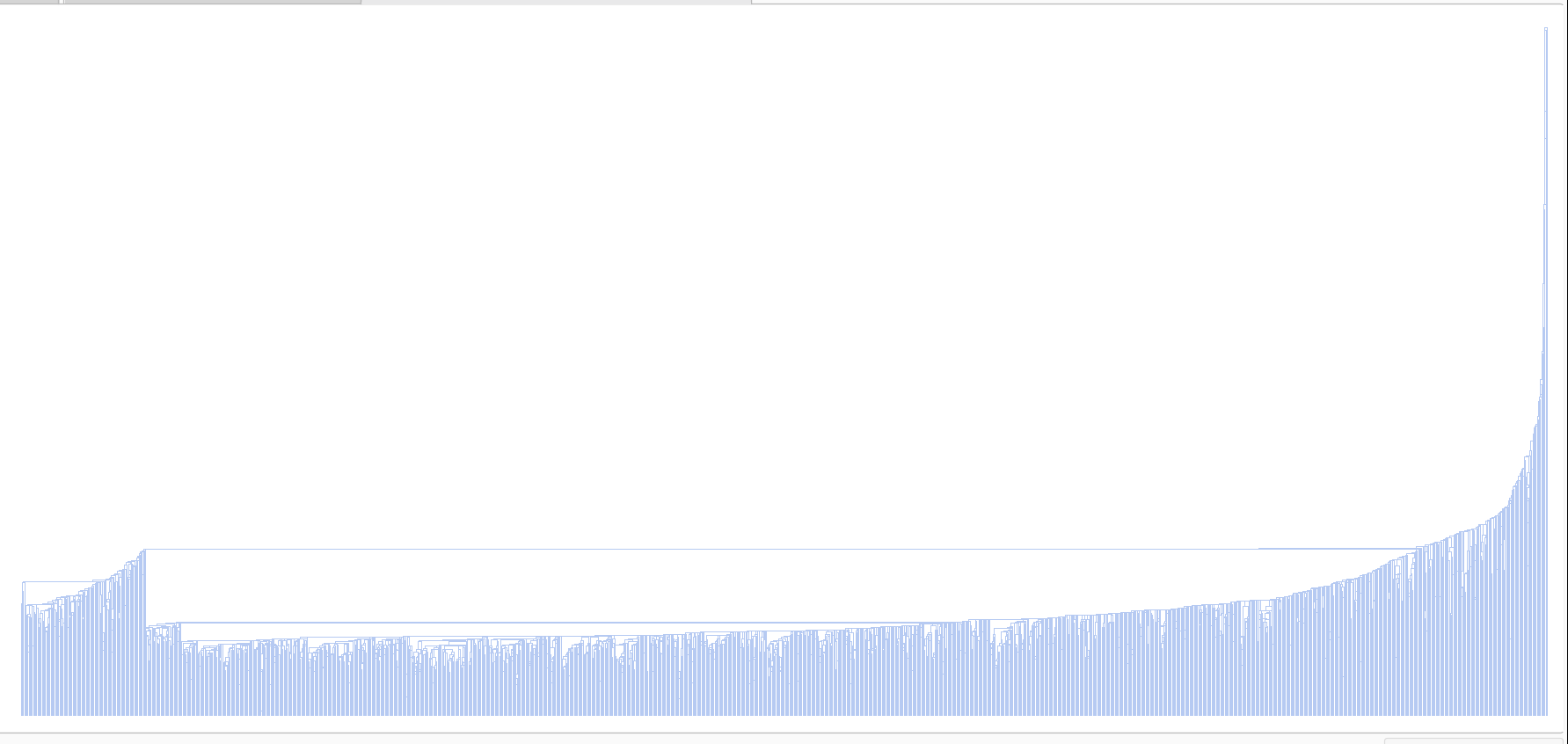
**Hierarchical clustering -**

Process -



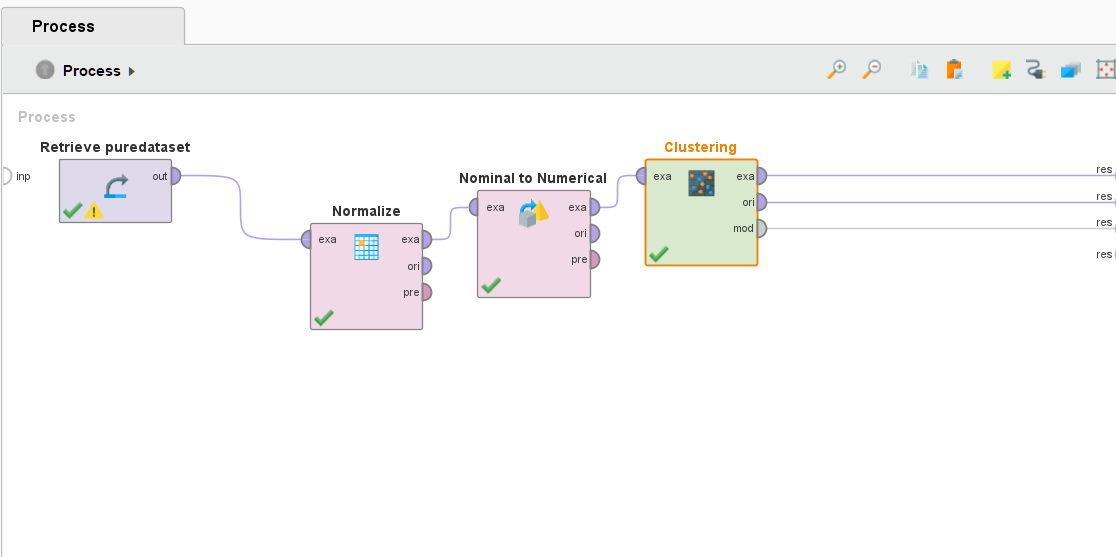
Output -





**DBSCAN -**

Process -



Output -

