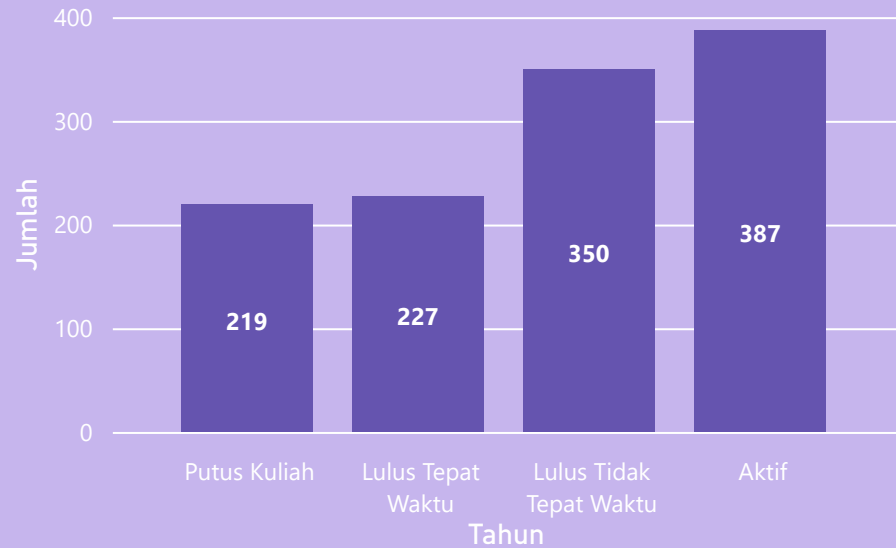


Academic Data Visualization

Students 2011-2017

In 2021

Students by Final Status



Final Status Filters

All

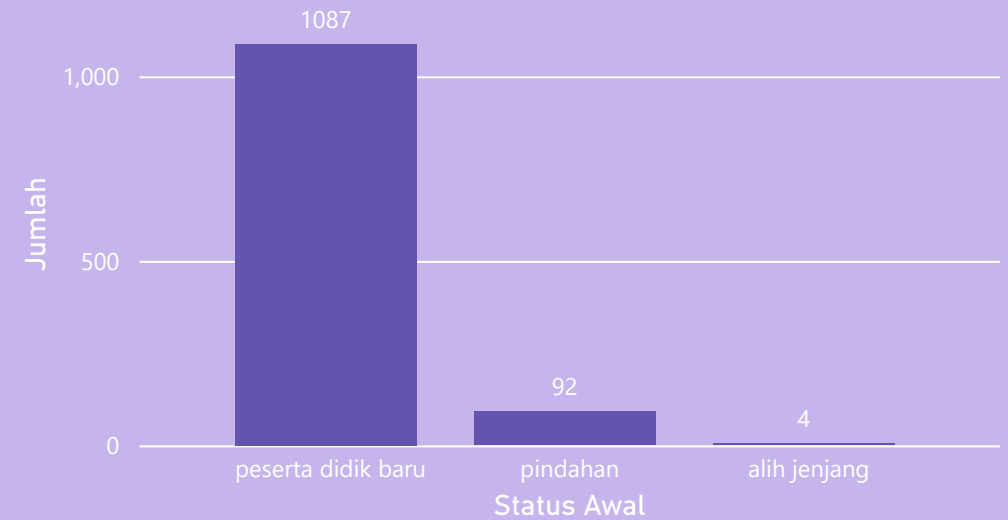
Initial Status Filters

All

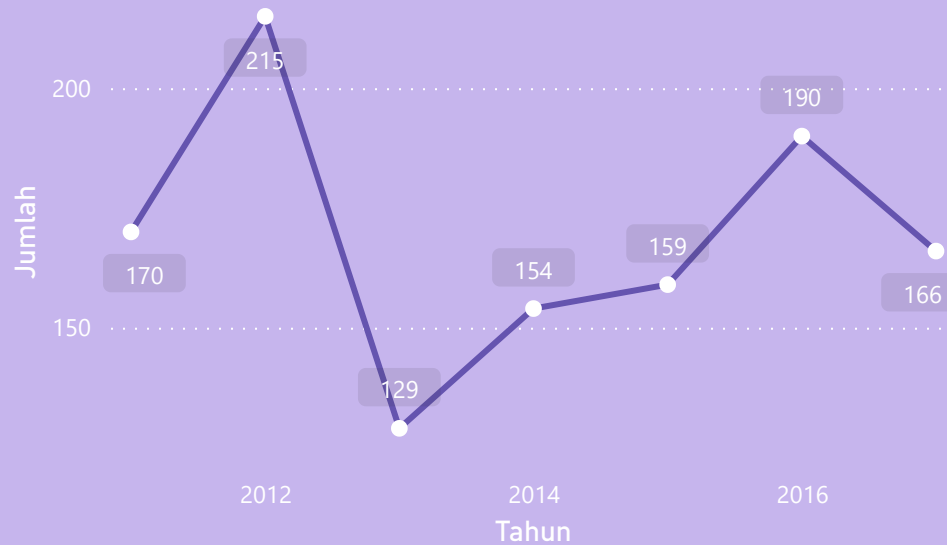
School Status Filters

All

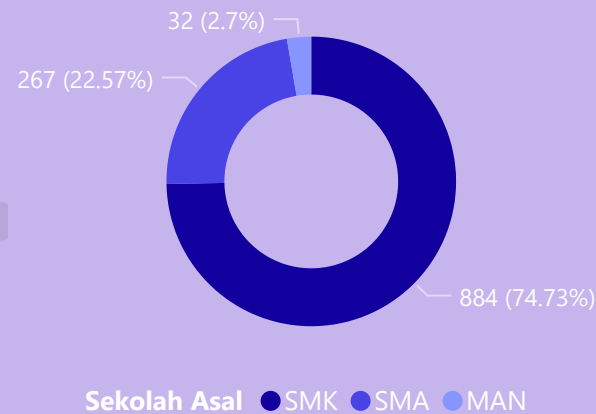
Students by Initial Status



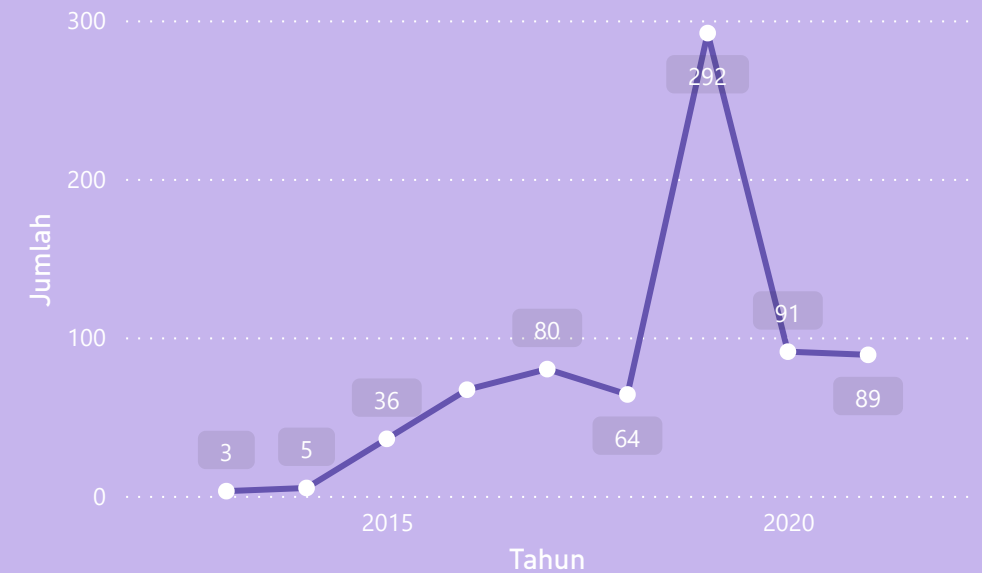
Year of Student Entry



Student's School of Origin



Year of Student Graduation

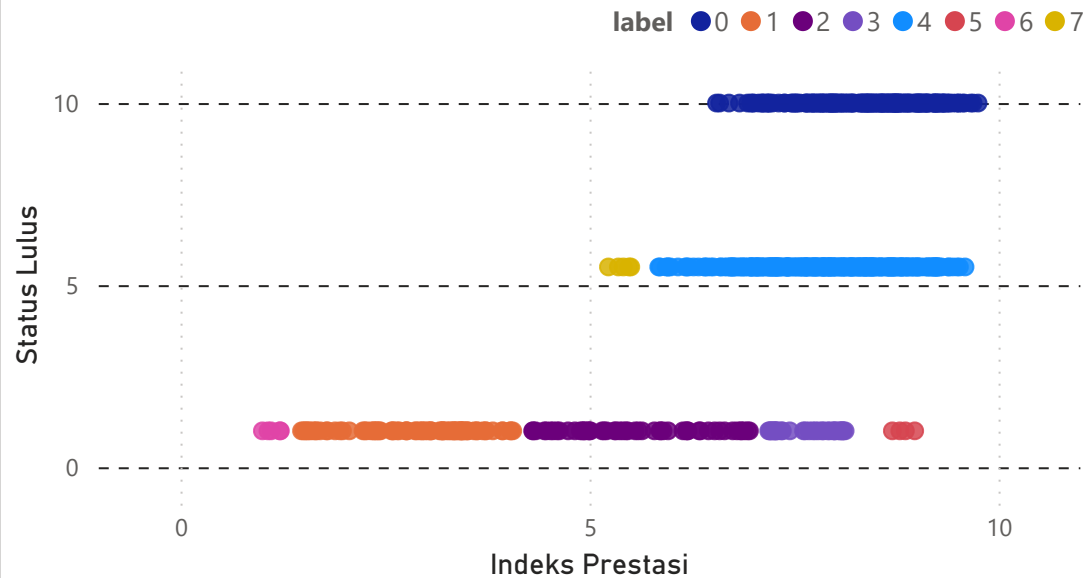


Academic Data Visualization

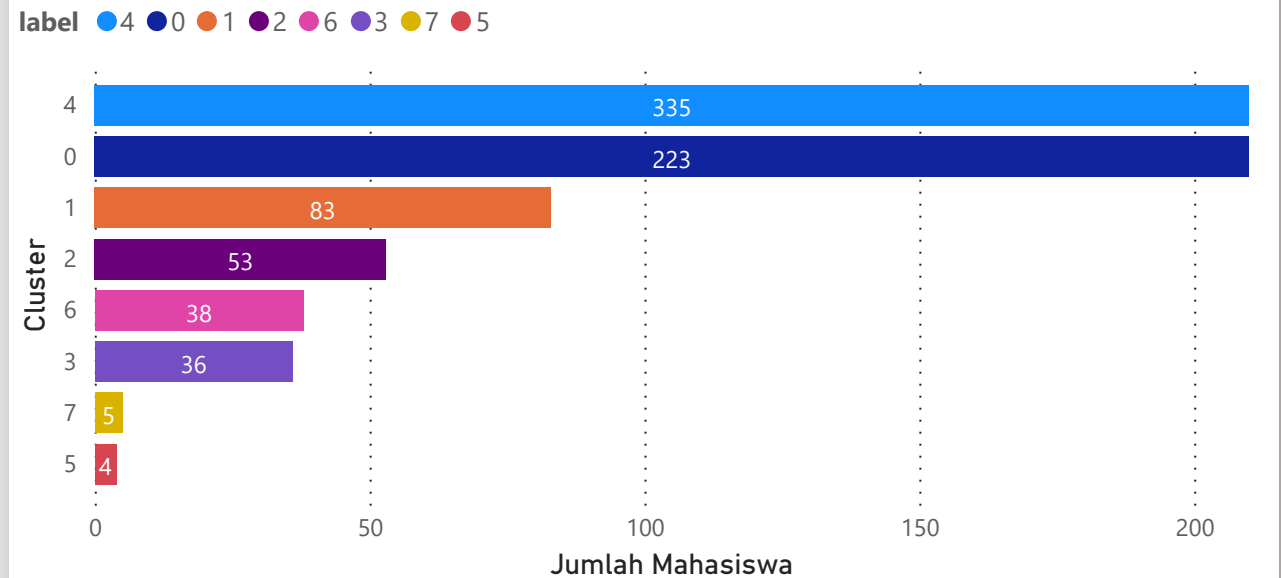
Students 2011-2017

In 2021

Cluster of Academic Grades of IT Students 2011-2017



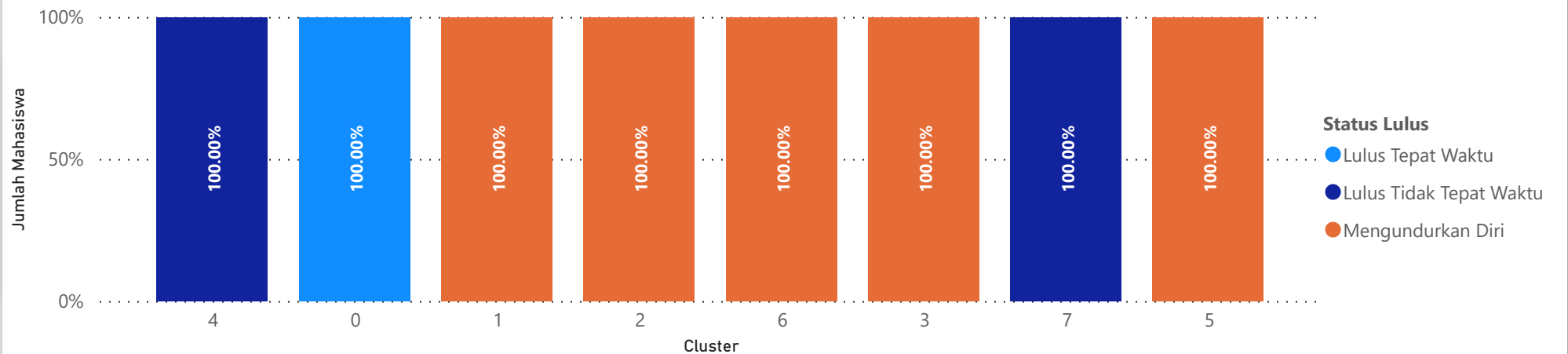
Number of Students in Cluster



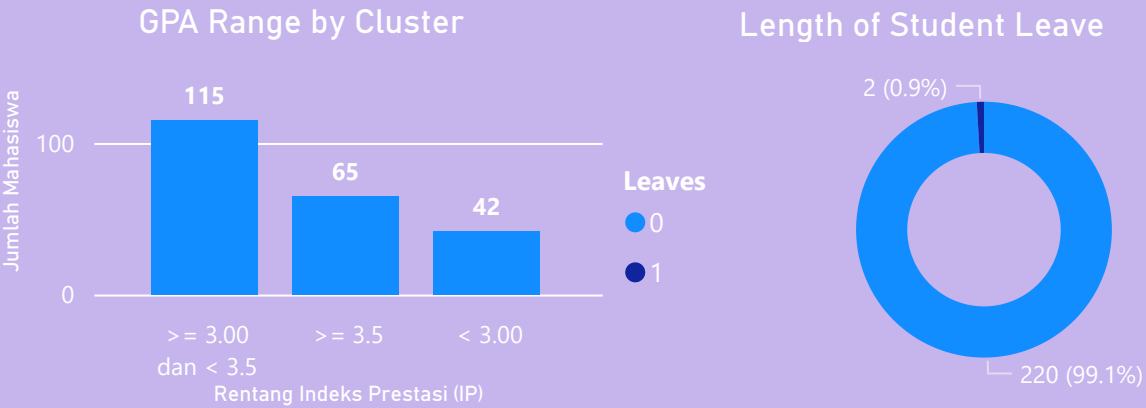
Number Of
Cluster

8

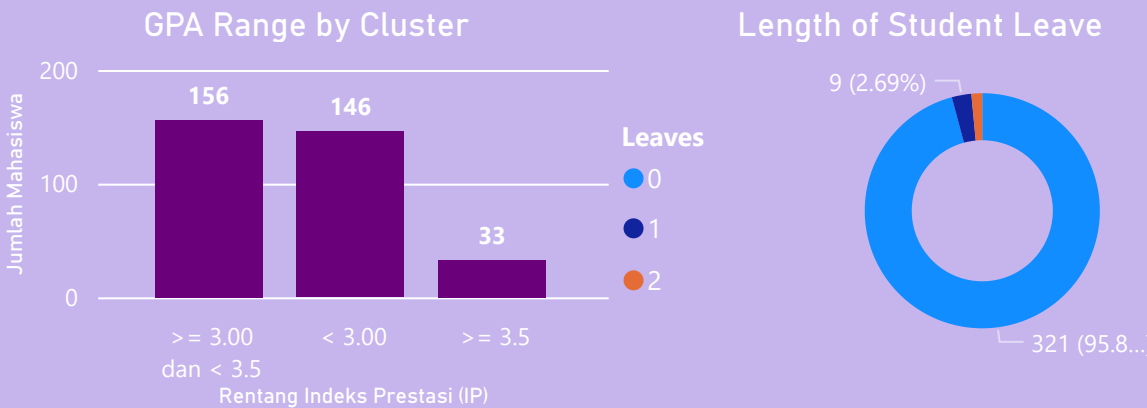
Cluster Based on Passing Status



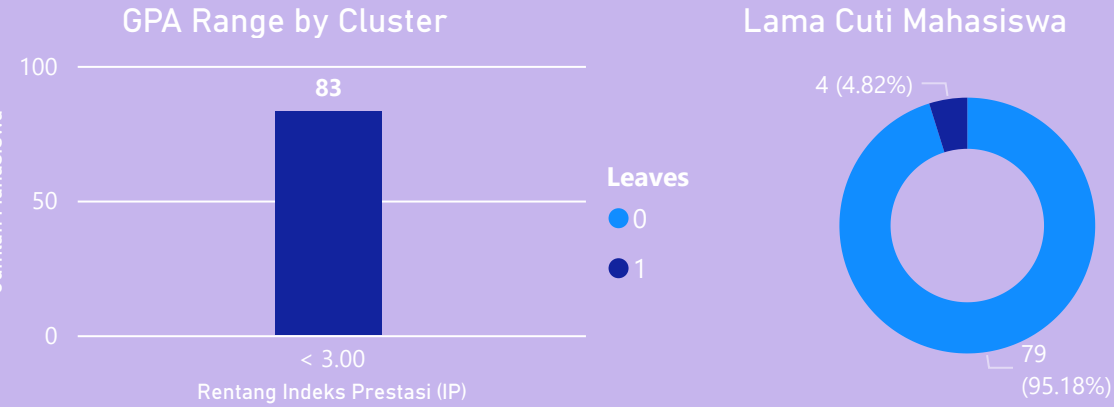
Cluster 0



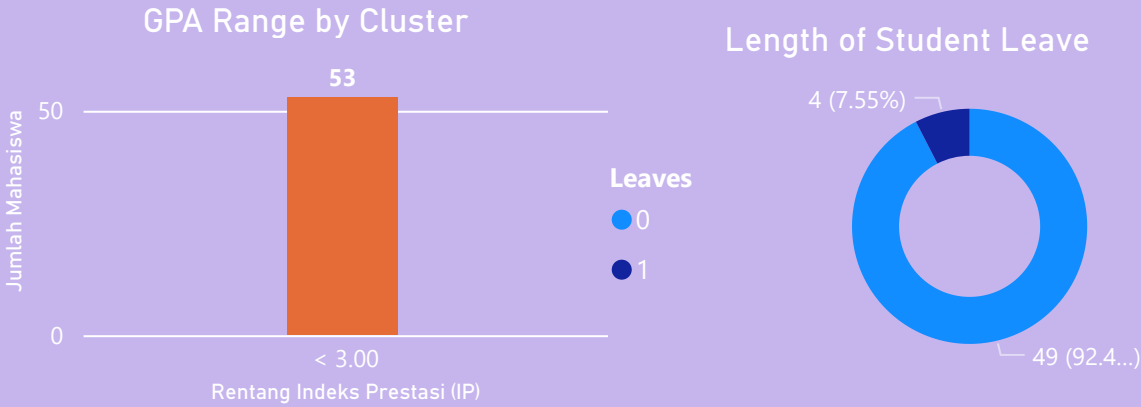
Cluster 4



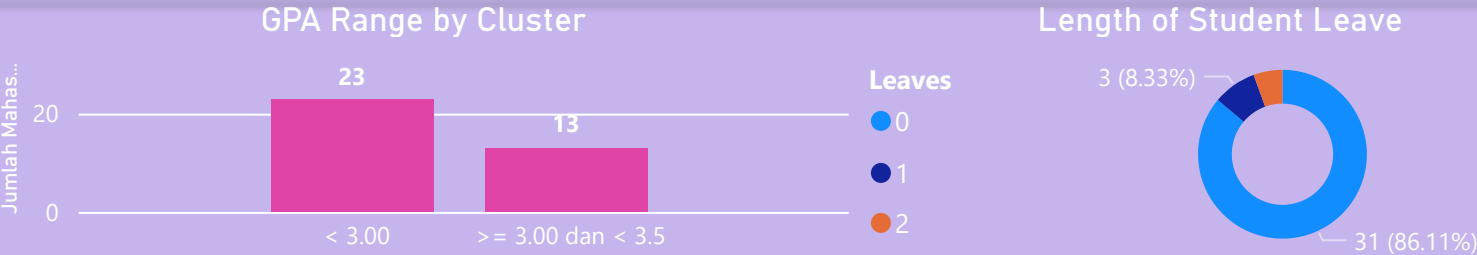
Cluster 1



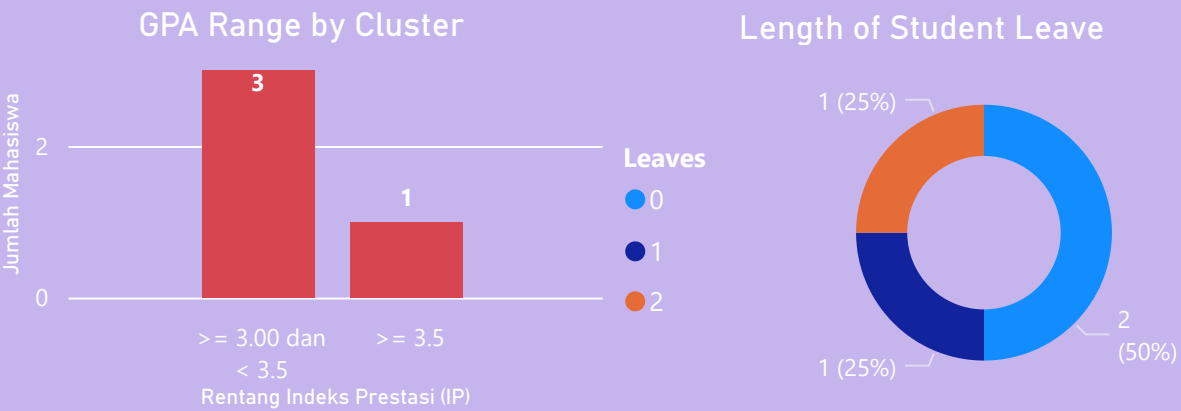
Cluster 2



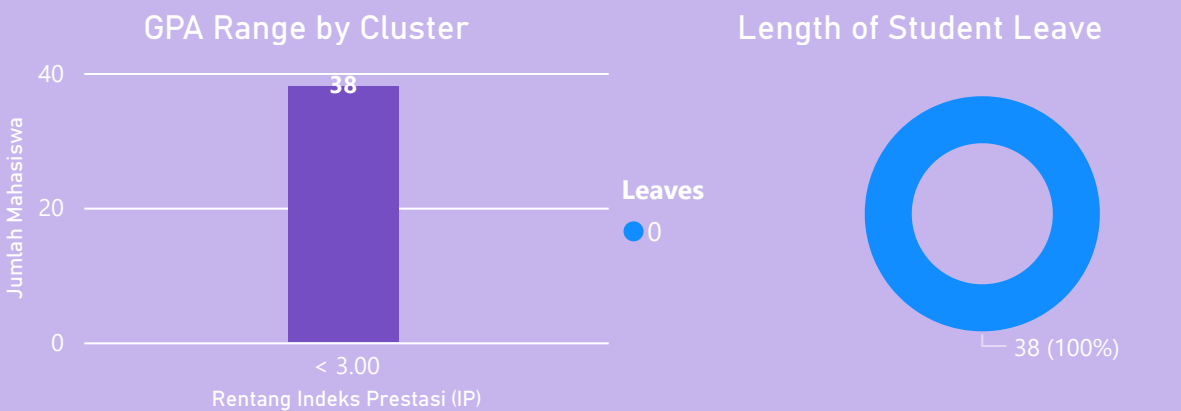
Cluster 3



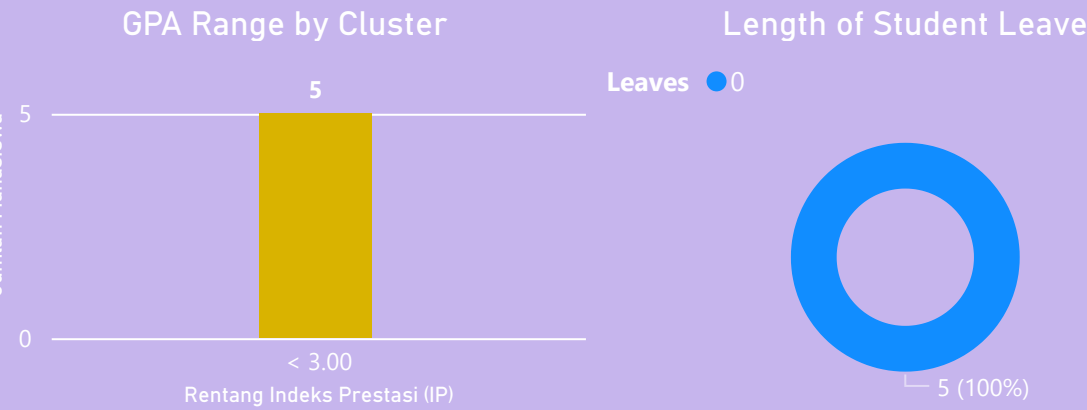
Cluster 5



Cluster 6



Cluster 7



- **Cluster 0** and **Cluster 4**: With varying average **GPA** intervals **semesters 1 - 3** for criteria for graduating on time and interval scope The average GPA is the same as the criteria for **not graduating on time**, so the average academic score of Informatics Engineering Students, in this case based on the average GPA, **does not provide a uniform pattern for students graduating on time**.
- **Cluster 1**, **Cluster 2**, and **Cluster 3**: These are clusters with Characteristics of withdrawing from college, based on the **GPA range for semesters 1 - 3** and similarity of leave, there appear to be other factors that cause withdrawal. Regardless of the average **GPA**, information engineering students at STMIK Widya Cipta Dharma can still graduate from college, even if not on time.
- **Cluster 6**: From the average **GPA for semesters 1 – 3** which is equal to 0 and the length of study being 7 and 8 years, it appears that students withdrew because they were not talented or interested in informatics engineering.

Penafsiran Hasil Clustering DBSCAN Data Akademik Mahasiswa 2011-2017 Pada Tahun 2021

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