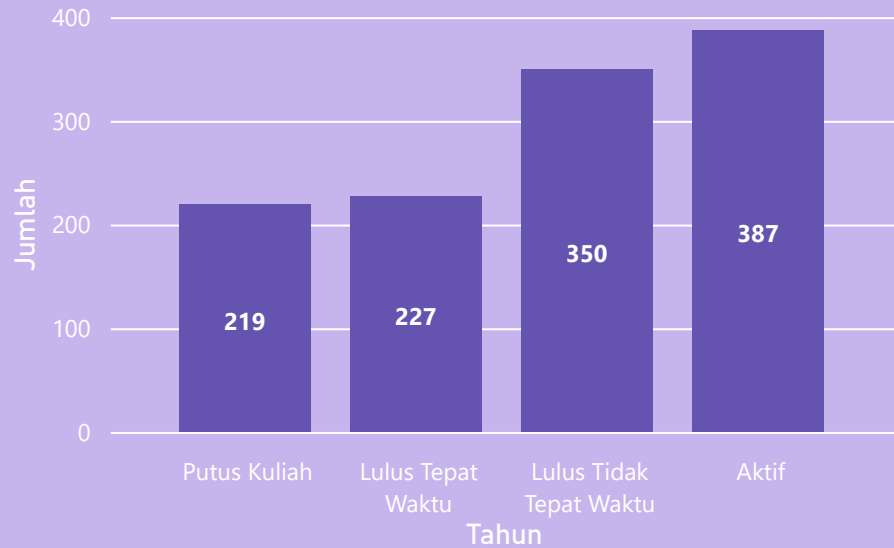


# Visualisasi Data Akademik Mahasiswa 2011-2017 Pada Tahun 2021

## Mahasiswa Berdasarkan Status Akhir



Filter Status Lulus ▼

All ▼

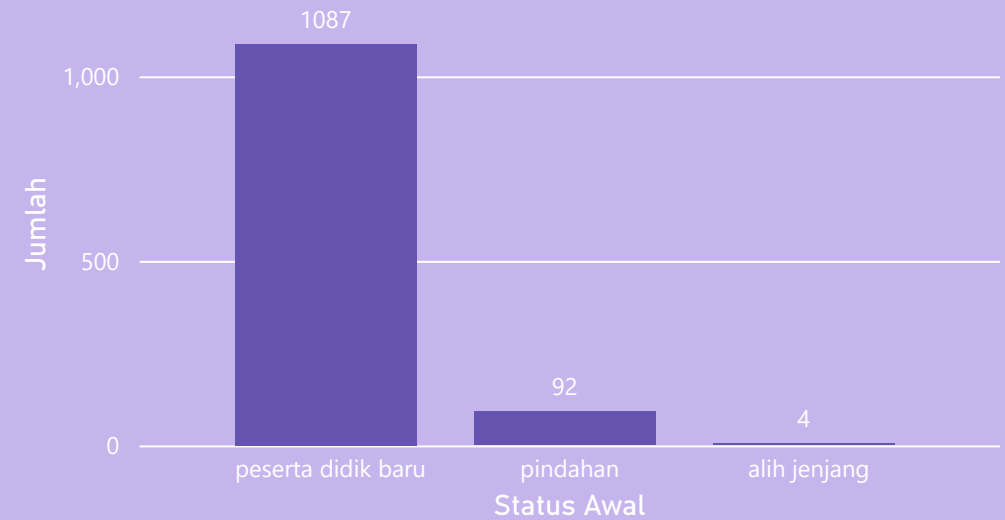
Filter Status Masuk ▼

All ▼

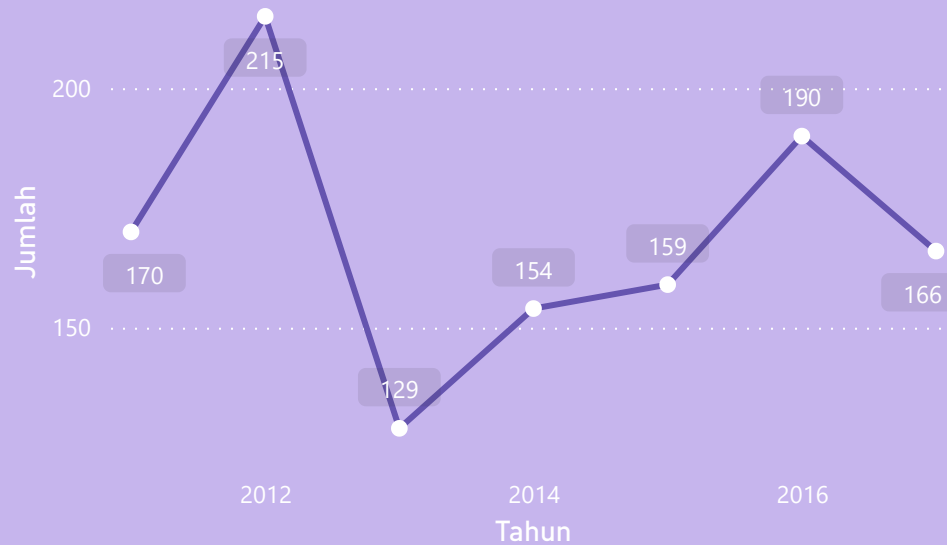
Filter Status Sekolah ▼

All ▼

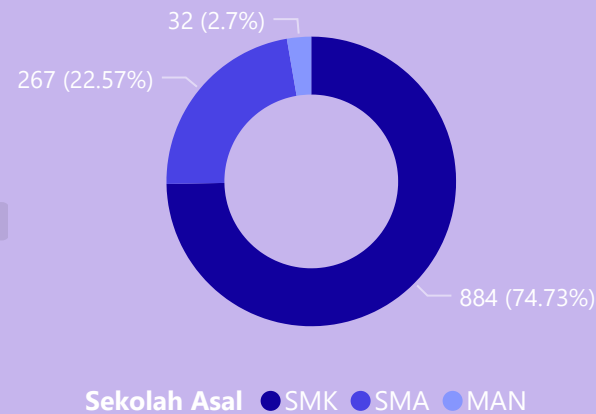
## Mahasiswa Berdasarkan Status Awal



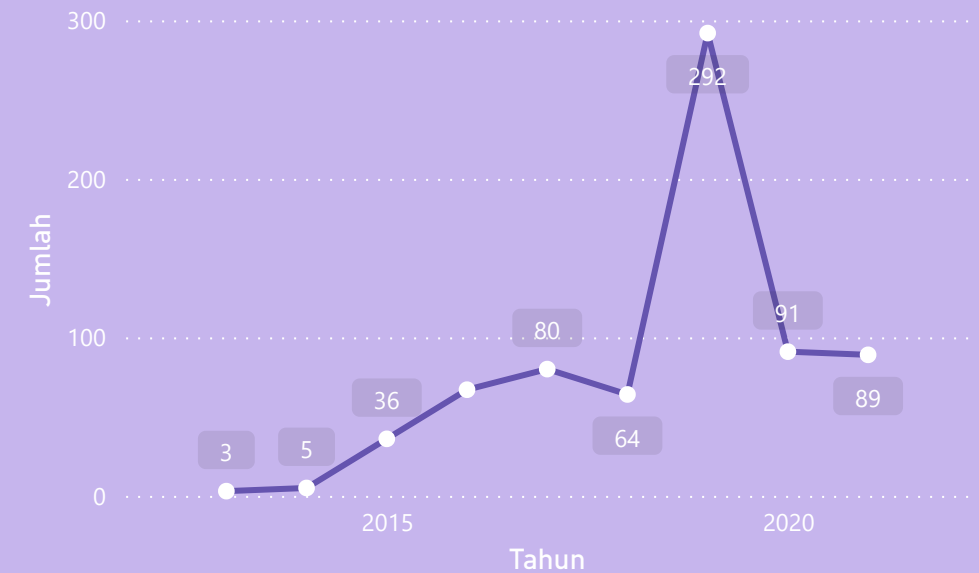
## Tahun Masuk Mahasiswa



## Sekolah Asal Mahasiswa

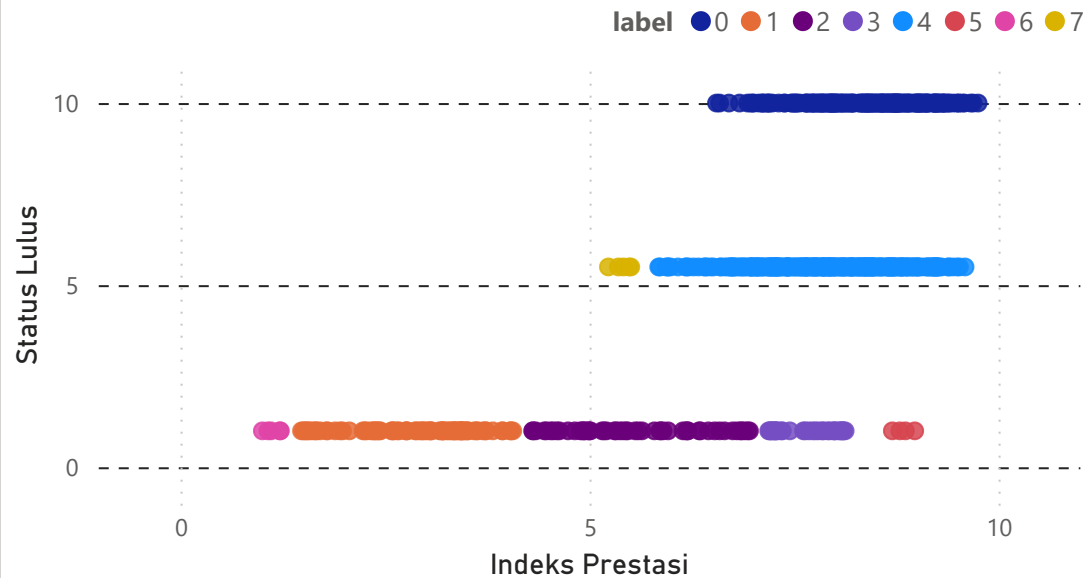


## Tahun Lulus Mahasiswa

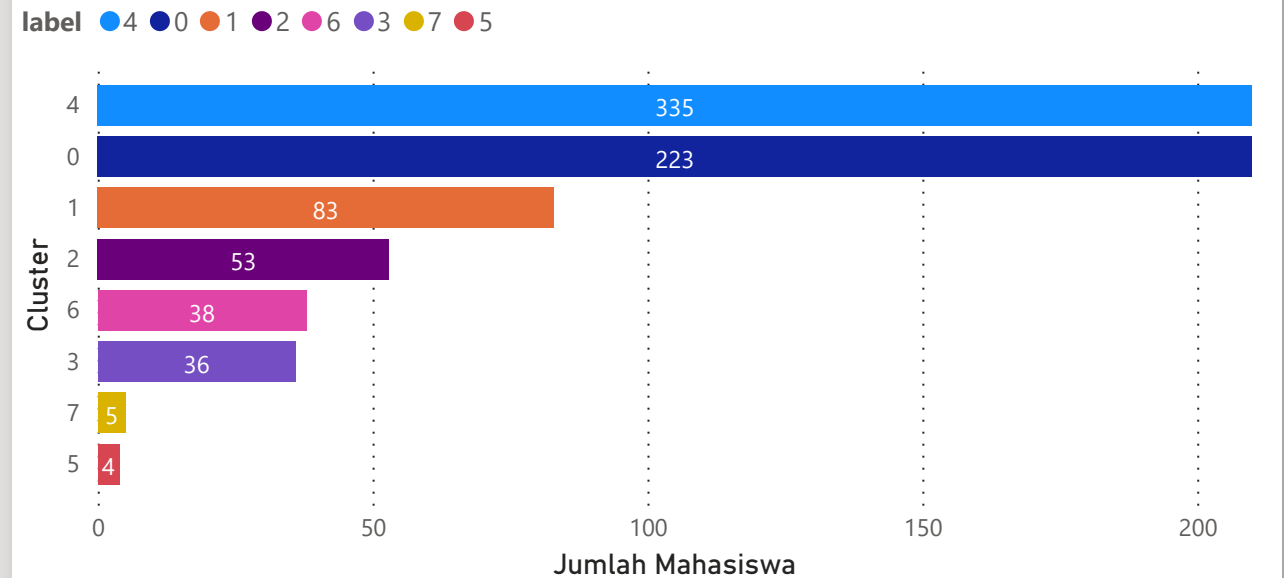


# Visualisasi Data Akademik Mahasiswa 2011-2017 Pada Tahun 2021

Cluster Nilai Akademik Mahasiswa TI 2011-2017



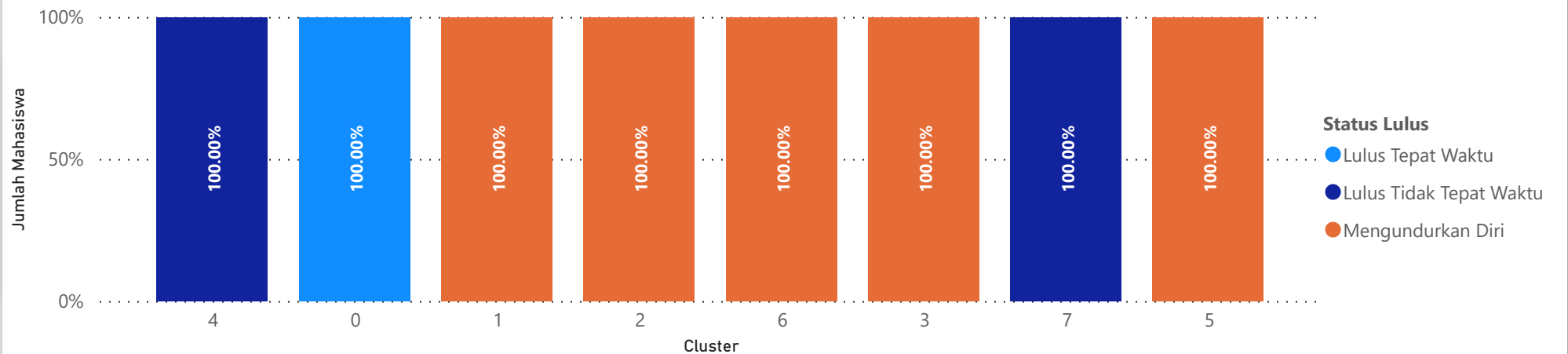
Jumlah Mahasiswa Dalam Cluster



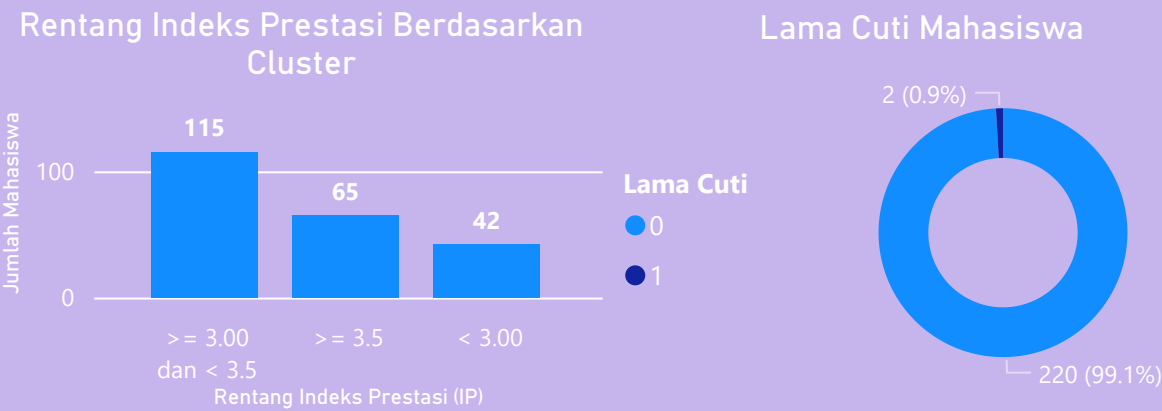
Number Of  
Cluster

8

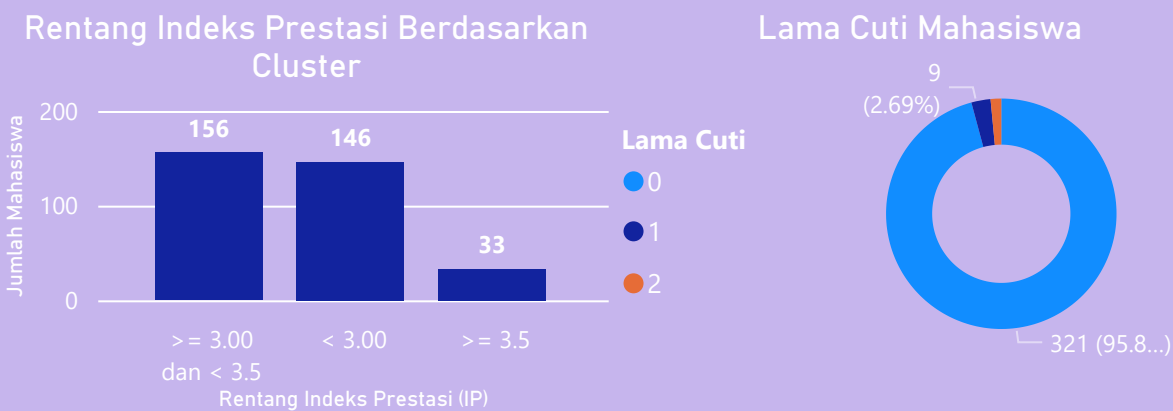
Cluster Berdasarkan Status Lulus



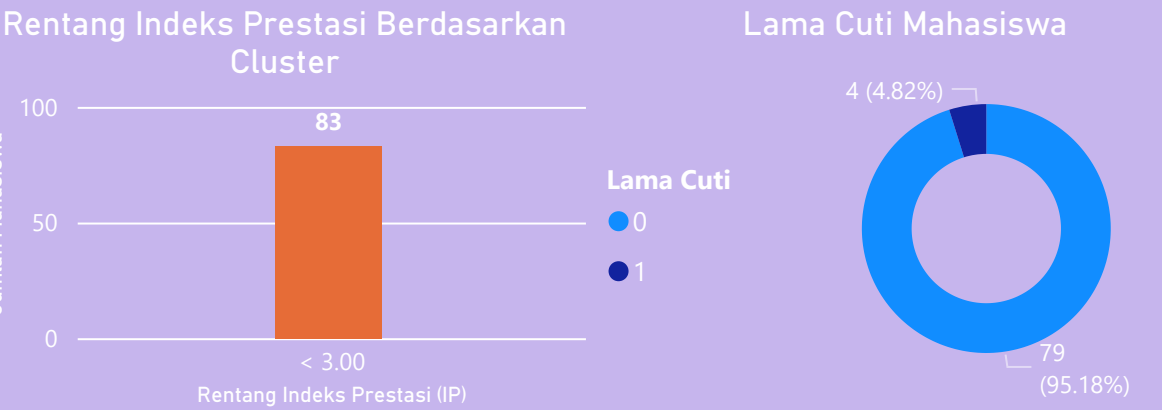
# Cluster 0



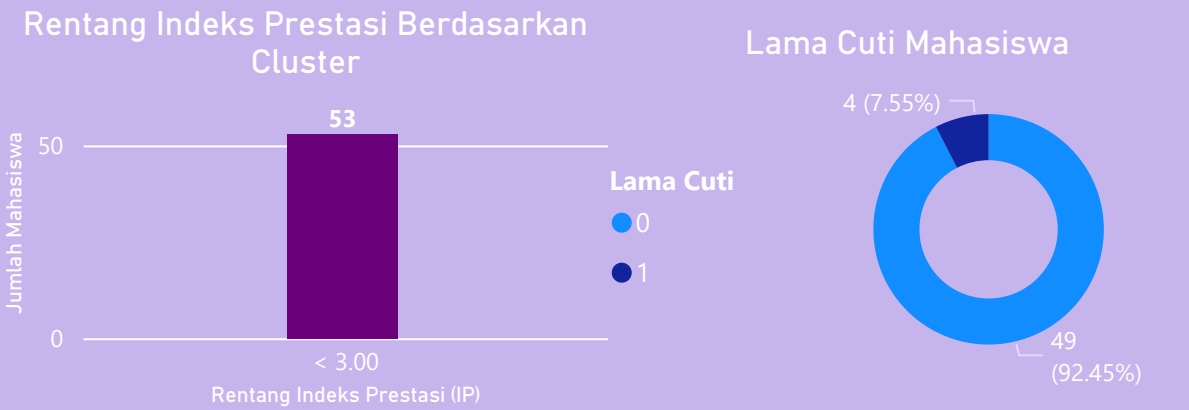
# Cluster 4



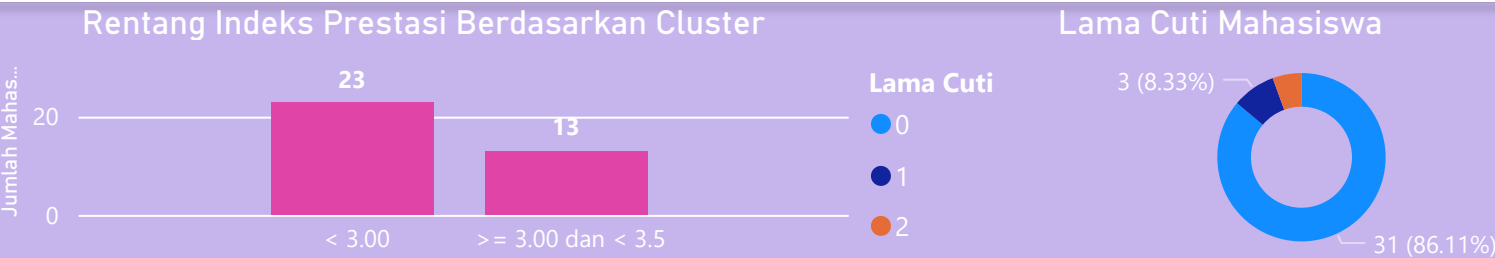
# Cluster 1



# Cluster 2



# Cluster 3

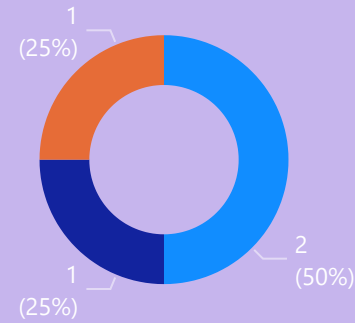


## Cluster 5

Rentang Indeks Prestasi Berdasarkan Cluster

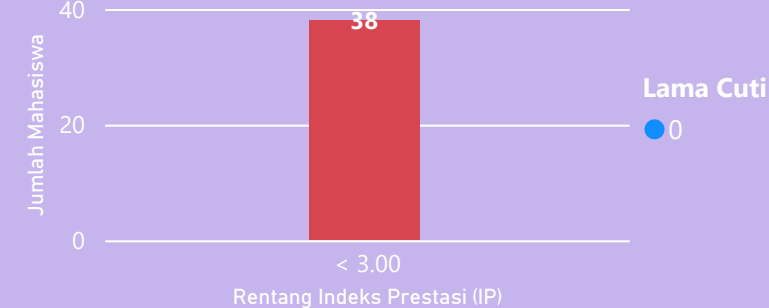


Lama Cuti Mahasiswa

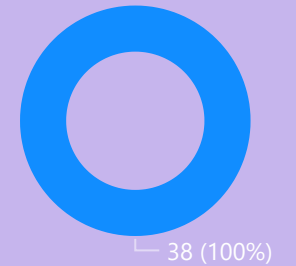


## Cluster 6

Rentang Indeks Prestasi Berdasarkan Cluster

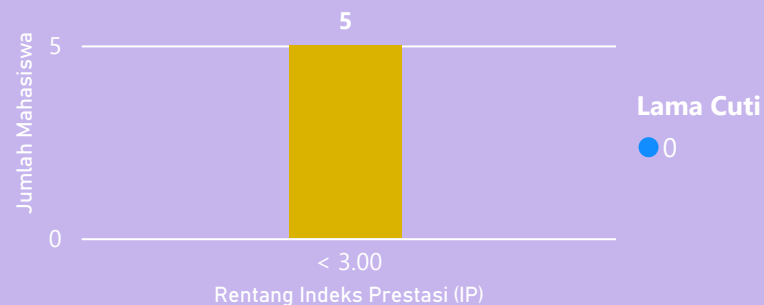


Lama Cuti Mahasiswa

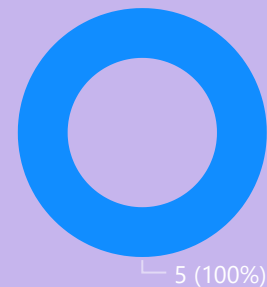


## Cluster 7

Rentang Indeks Prestasi Berdasarkan Cluster



Lama Cuti Mahasiswa



- **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

- **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.**
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