ABSTRACT

The problem of education in Indonesia is still fixated on basic problems such as a shortage of teachers. Because development education is very high, the teacher and student ratio is very prominent in the province. This study aims to develop the grouping of teacher data in Indonesia. On the other hand, this study also aims to analyze the teacher data and teacher distribution in Indonesia both in quality and competition and to analyze the stability of the clusters produced by the grouping of computer programs produced. The grouping uses the grouping method with the K-Mean algorithm as the basis for the grouping. And with the results of research that can be seen there are still qualities and advantages of teachers in Indonesia. In addition, the grouping gets a standard deviation of 0,5 and the highest is 5,8. Going forward do more basic research on deeper studies.
Keywords*: K-Means Clustering, data, education, teacher*