

ABSTRACT

Newsadays there are a variety of preschool education services held in Indonesia, especially Kindergarten. Based on the facts in 2016, the quality of education in Indonesia is ranked 62 out of 69 countries. Many factors and problems that cause the quality of education in Indonesia still need to be improved. With these factors, there is a need for a system to assist relevant agencies in processing preschool education data in Indonesia, especially kindergarten and see spread out of preschool education in Indonesia.

K-Means Clustering Algorithm is a method used by the author in processing preschool education data in clustering preschool education data, especially kindergarten based on the province by province using various data variables and implemented in a system that uses the web using the R Shiny application

The results of this system show grouping of preschool education data by province equipped with centroids and analysis of the spread out of government for preschool education

Keywords: k-means, data grouping, preschool education, kindergarten (tk).