

ABSTRACT

Telkom Applied Science School as known have data study of students who continue increase. The data can be used to grouping the students. Grouping of potential students are for knowing students group based cluster of good students, moderate students, and less students. The Algorithm used for grouping students' data is clustering k-means. Clustering k-means grouping the data into cluster that every cluster closely as possible and different with other cluster. Application can to using import new students data then will be processed using extract transform loading. The data will be saving on database and clustering k-means process it using PL/SQL programming language. Final result of this application is student's data that have cluster in good students, moderate students, and fewer students also graph cluster chance.

Keywords: Potential students, Clustering K-Means, Extract Transform Loading