

ABSTRACT

Online business property or known e-commerce is currently experiencing an increase of home sales. E-Commerce in Indonesia from 2011 to 2015 has increased by more than 500%. Real estates business in Indonesia are in a positive trending. Prediction of price is important because this can be useful for the investor or public to help everyone to buy home. One of methods for prediction is classification based on variables of property industry.

In this era, data is easily obtained. There are many open source from internet that we can get for free. E-commerce data is one of data that can we use for research. Data can be used for everyone to do a research.

In order to predict real estate sales, this research employed 2 different classification methods. Researchers choose Bandung as study case based on data from e-commerce rumah123.com. the methods are Decision Tree and k-NN classification. Researcher made a comparison between Decision Tree and k-NN. The result is decision tree accuracy is 75% and KNN accuracy result is 71%.