

Abstract

Data Mining is a process of obtaining information from a data of which can be used for other benefit. There are several processes of Data Mining, one of them is classification.

Voting Feature Intervals (VFI) is one of the classifier in Data Mining. The model within VFI is built by intervals and classes. The interval of VFI is formed at every attribute based on the value of attribute itself. After an interval is made, classes will be counted on every interval.

Grapheme to Phoneme (G2P) is a word data and pronouncing method of a specific word. By using the model, the pronouncing method of a word can be predicted (finding the value of the phoneme). The dataset is taken from Kamus Besar Bahasa Indonesia (The Great Dictionary of Indonesian Language) with some additional from daily words, thus software is expected to learn words with prefixes and suffixes.

Based on the research on this Final Project, VFI has the most efficient time in making the model and has a quite high accuracy compared with other method.

Keywords : *mining, intervals, VFI, G2P, time, accuracy*