ABSTRACT

Predict Employment Waiting Time For Alumni From Pembangunan Jaya University Using K-Nearest Neighbors Algorithm

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College instance collect their alumni's post-graduate information for evaluating their quality. This process is collected through Tracer Study or Alumni Survey. In most cases this collected data was processed and presented as trend of data. One of them is to predict alumni's waiting period for employment. But this process hasn't been done in Universitas Pembangunan Jaya. Therefore, it is now necessary create application to implement data mining process using K-Nearest Neighbors Classification Algorithm based on data collected by Tracer Study from the range from the year 2019 - 2020 with the number of variables used is 10. These 8 variables got selected from list of question from Tracer Study and 2 variables from alumni data, namely IPK and study period. The result of this research is to know how to predict alumni's waiting period for employment and an application to predict alumni's waiting period for employment.