

Abstract

At this final project implement single layer perceptron method in the case of scholar admission JPPAN. Single layer perceptron method is classification methods that make predictions based on linear predictor function for combines a set of weights with a feature vector that is able to describe the given input. Single layer perceptron method using two layer node component consist of synaptic and threshold value, the second component that the component of which is quite good perceptron method in the resolution of a case solutions. In the case study of new admission there are some considerable space classification. So that requiring classification method using a prediction technique to search the solution. Single layer perceptron method works by tracking two nodes that contains of weight value assigned of defined limit. And approtiate parameter values, so that mehod can be produce a single layer perceptron scholar admission JPPAN path to standart college.

Keyword: *Single Layer Perceptron, classification data mining.*