

ABSTRACT

Radyan Herlambang, Bagus. 2015. The Employee Work Eligibility Analysis Performance Assessment To Know Quality Using Artificial Neural Networks Backpropagation (Case Study at PG. Kebon Agung Malang). Thesis. Department of Management, Economics Faculty, State Islamic University Maulana Malik Ibrahim Malang

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The employment is a fundamental aspect of life include social and economic dimensions. The success of a company in achieving the goals set in advance is highly dependent on the ability of human resources (employees) in carrying out the tasks given. This study aims to determine the quality of employee (Case Study PG. Kebon Agung Malang). Employee performance is a comparison of the results achieved by employees working with a standard that has been set. The performance assessment is determined by the quality and quantity employees in completing responsibilities given company.

The performance appraisal Analysis using Backpropagation neural network is used to make decisions on the quality of the work eligibility of current employees according to the assessment criteria established by the organization (company). In this programming has 23 input variables in the form of performance appraisal, and one variable output quality feasibility employee performance, and both variables were obtained based on the company's work rules.

Arsitektur Backpropagation Neural Network used is 23-1, with 23 nodes in the input layer and the first node in the output layer. Eps value = net.trainParam.epochs = 1000; net.train Param. goal = 0.00001. The values are the values that effectively and efficiently used to analyze the performance appraisal.