

Comparative Analysis of Estimation of Effort in Machine-Learning Techniques

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Abstract: *Effort estimation in software engineering provides an important role for software development and management of project cost, quality and time. Over the past decades, software inference has been receiving significant attention from researchers and substantial research has been conducted using various techniques and algorithms of machine learning. This paper suggests various machine learning techniques such as Naive Bayes, Random Forest Logistic Regression, Stochastic gradient boosting, decision trees and story points for estimation to assess the prediction more efficiently. Nowadays these approaches to software estimation are used by software development industries to overcome the shortcomings of parametric and traditional estimation techniques, increasing project. A comparative study of the techniques mentioned in this paper has been presented and examined to critically evaluate the performance of these techniques.*

Keywords: Software, EE, ML, SD, Techniques etc.

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