

MODEL FOR PREDICTING ACADEMIC PERFORMANCE THROUGH ARTIFICIAL INTELLIGENCE

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Abstract

During the transit of students in the acquisition of competencies that allow them a good future development of their profession, they face the constant challenge of overcoming academic subjects. According to the learning theory, the probability of success of his studies is a multifactorial problem, with learning-teaching interaction being a transcendental element (Muñoz-Repiso and Gómez-Pablos in Edutec. Revista Electrónica de Tecnología Educativa 52: a291–a291 (2015), [1]. This research describes a predicative model of academic performance using neural network techniques on a real data set.

Keywords

Academic performance, Big data, Neural networks, learning analytics