

Predicting The Implementation of Artificial Intelligence in Occupational Safety and Health Training Considering the Personality of the Trainees

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Abstract

This paper presents the current state of the art in the approach to remote OSH training, which will soon constitute AI-managed self-learning platforms. The research of the EU legal framework on AI, as well as those of Romania, Slovenia, and Poland on remote OSH training, supports the imminent transition to a new evolutionary, qualitative stage in OSH training, which will ensure better training and thus, a decrease in occupational accidents as soon as possible. The method used in this work is based on a theoretical comparative cognitive analysis of scientific papers in the field of study. The prediction of making OSH training more effective by customizing the courses from the perspective of the trainee/risks comes because of the sensing of these shortcomings, which decrease the attractiveness, concentration, and memorability results of such training. As the quality of trainers is subjective and not always attentive, AI will be able to make the dynamic adaptive customization of training interfaces much more objective and effective.

Keywords: OSH, OSH training, AI in training, AI, CSCL, safety culture