

Artificial Intelligence and learning: Contributions to the state of the art in Education

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Oral presentation

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Abstract

Introduction: Nowadays, artificial intelligence is a topic that evolves speculation, questioning and usability. Also in Education is an emergent, fabulous, and intriguing topic that deserves attention by teachers, students, politicians, and researchers. This paper is constructed based on the activities of MathIA project, an Erasmus project (ID KA220-SCH-0486161A) to promote the development of students' Mathematics skills.

Objectives: The main goal of this paper is to analyze the publications on the topic of artificial intelligence in the field of Education.

Methods: To achieve the goal a documentary analysis was conducted. The data was collected on b-On and Google platforms according to previous selected descriptors such as: Education AND Artificial intelligence AND Teaching Learning. The search was conducted to select texts published in the last five years (2020) and the language of the publications were Portuguese, English, Spanish and Italian. The selected publications were 107 after a reading the title and the abstract of a larger number of publications that emerged in the search.

Results: This is an ongoing work, and data analysis is not finished yet. However, preliminary results indicate some research has already been made in the topic and the number of publications differs according to the language publication. In the oral presentation we will present complete findings according to several categories including the studies' specific themes and the research methods used.

Conclusions: The topic of AI and Education is a current and demanding topic and researchers seem to pay attention to the (re)evolution of AI in Education.

Keywords

Artificial Intelligence, Education, Documentary analysis.

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