



Deep Learning and the Challenges

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Abstract

Deep learning is a cutting edge approach as one of the Artificial Intelligence study branches. It is a neural technical network to analyze and learn from the huge data sets. It pushes the advance thinking in image recognition, natural language processing, and autonomous systems. Deep learning in education faces a number of hindrances in switching the technical terms to pedagogical terms. They include the readiness of the teachers, the students, the educational personnel, and the infrastructures. In particular, the focus is on the teacher readiness; how far they understand the approach, how far they can switch it into the instructional activities, and how far they can evaluate their performance in meeting the Deep Learning requirements. There are still found many students have problem their illiterate in understanding Mathematics, Linguistic, and Science. This paper will expose how Deep Learning can face those challenges, and it may vary from place to place.

Keywords: deep learning, pedagogy, hindrances, challenges

