

Opportunities of Machine Learning in Education

Adrián Pérez-Suay

Universitat de València

Abstract:

This talk is about the application of Machine Learning (ML) techniques in Mathematics Education data. In particular, I will cover some of the most relevant scenarios of ML like supervised learning, unsupervised learning, fair learning and dependence estimation together with causal inference. Other relevant aspect covered are the different sources of information related to students like databases or educational reports which could be useful to both detect and relate variables affecting students.