

Keynote 2: Challenges and opportunities for data driven innovation in education

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Abstract

Learning analytics has enormous potential and can provide educators and learners with insights that might improve learning processes and teaching practice by employing data mining, machine learning, natural language processing, visualization, and human-computer interaction. Sweden has one of the most digitalized school systems in the world, but the absence of a national digital strategy have left us with gaps in our infrastructure for exchange of information in the digital ecosystem and we have a need for international or Nordic standards in order to be able to harness the potential of learning analytics. The lecture will give a brief overview of Sweden's journey from the 80s up until now, identify "holes" in the ecosystems that need to be fixed and present the initiatives on a national level. The Swedish Edtech Industry is also involved in a Nordic and European network addressing the need for aligning standards and increased Public Private Partnerships, a key for digital innovation in the public sector.

Speaker Biography

Jannie Jeppesen has extensive experience as a consultant of digital competence and pedagogy development methods in Swedish schools and municipalities, both as an educator and a principal. Today she is the CEO of Swedish Edtech Industry, the trade association for edtech companies operating in Sweden.

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