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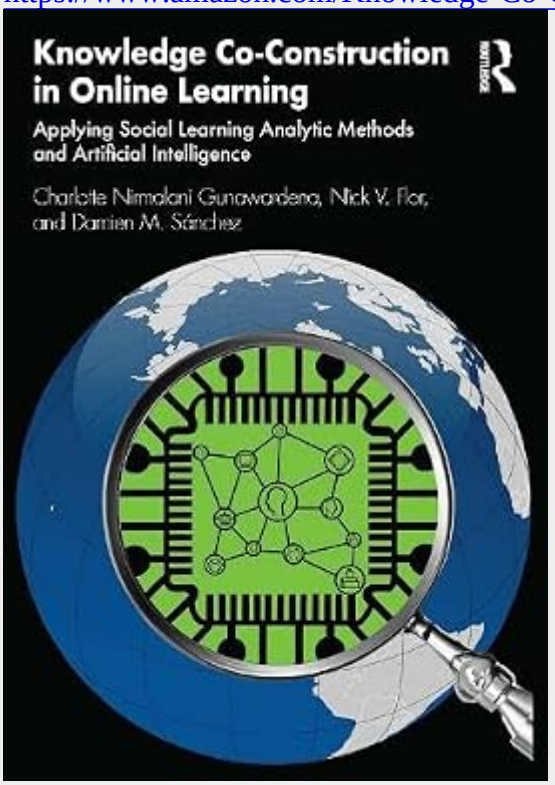
AI & Analytics Book

Knowledge Co-Construction in Online Learning: Applying Social Learning Analytic Methods and Artificial Intelligence

Knowledge Co-Construction in Online Learning is a comprehensive, foundational resource that explores the study of social construction of knowledge through platforms, social dynamics, and other aspects of today's technology-enhanced education. The interactive spaces, from formal computer-supported collaborative learning settings to informal social media-integrative environments, that comprise asynchronous online learning offer a rich source of data for analyzing teaching and learning. How, then, can researchers and designers in educational technology, instructional design, the learning sciences, and beyond most effectively analyze the content and data generated by these complex co-creations of knowledge?

Grounded in sociocultural and social constructivist theories of learning and driven by the globally renowned Interaction Analysis Model, this book applies statistical and computational methods to study the group interactions and social networks that yield newly constructed knowledge during virtual learning experiences. Its unique Social Learning Analytic Methods enhance the analysis of social dynamics that support knowledge construction so often missing from mainstream learning analytics. Holistic and cyclical in its approach to online learning experiences, this essential volume written for novice and experienced researchers transcends the field's research paradigm conflicts, blends qualitative and quantitative approaches with new digital media tools, and exemplifies how research questions and designs can incorporate and automate evolving forms of inquiry.

https://www.amazon.com/Knowledge-Co-Construction-Online-Learning-Intelligence/dp/1032349190



Details

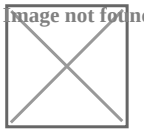
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