Learning design guided learning analytics in MOOCs

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Learning design approaches for MOOCs
• Cater for heterogeneous needs of learners
• Assist in reaching personal learning goals

ECO Social and inclusive approach
• Constructivist and connectivist principles
• Learning with and from participants in conversation
• Activities in context
• Flexible paths and gamification

EMMA Task-centred approach
• Learning tasks to engage and activate learners
• Anchored in state-of-the-art and professional domain
• Basic and advanced levels
• Various feedback mechanisms involving participants

Learning analytics
• Assist learners in reaching personal learning goals
• Assist teachers in supporting the learning process
• Guided by learning design

Learner progress
• Compare with others

Teacher monitor