

Learning Analytics Dashboards for Online Collaboration Whiteboards: Feasibility Check of an Activity Dashboard to Support the Evaluation of Student Activity within Miro

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Abstract

Current developments due to ongoing socioeconomic transformations have increasingly boosted the digitalisation process, and thus, have shifted the work and learning domains closer towards the internet. This includes the education sector, which results in a rising demand of suitable online learning opportunities. In this work, the design and implementation of a learning analytics dashboard tool for Online Collaborative Whiteboards, especially Miro, is presented. The tool features real-time tracking and quantitative evaluation of group and individual user actions. The requirements were derived from focus group interviews with key users.

Keywords: Social Learning Analytics, Miro Online Whiteboard, Online collaboration, Formative Assessment