3rd Workshop on Data Storytelling Narratives and Learning Analytics

Preface

Data Storytelling (DS) in Learning Analytics (LA) has proven as an effective approach to communicating insights to non-data experts (e.g., students and teachers). DS brings the promise to incorporate narratives into LA interfaces (e.g., dashboards) to facilitate the provision of direct feedback and pedagogical explanations. The LA community has researched DS principles and techniques to support educational stakeholders in interpreting their teaching and learning progress. However, given the relevance of the story narrative, challenges arise to provide unbiased, fair, and meaningful stories without misleading the communication of insights. This workshop aims to explore the formal and practical challenges and opportunities of DS by engaging in discussions with the LA community. In this workshop, we expect to spark discussion on these main topics: What methods and methodologies of DS from other domains are suitable for LA? How to evaluate the impact of DS in LA? How can we automate the process of generating fair and unbiased data stories to facilitate sense-making and effectively communicate insights? This workshop will bring together storytelling researchers and practitioners, whose data storytelling in LA is a special case, to clarify and converge on the future of DS in LA related to their challenges and opportunities.

Program committee

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