Special Issue

Process Mining for Business Process Improvement

Message from the Guest Editors

Process mining has matured significantly in the past decade and is now being used extensively in academia and industry. With its beginnings in process discovery, process mining has grown to be used for performance analysis, conformance checking, variant analysis, concept drift, as well as predictive and prescriptive monitoring. However, the main objective of all kinds of process analysis is to improve business processes. The aim of this Special Issue is to seek high-quality submissions that specifically focus on using process mining for business process improvement. The scope includes, but is not restricted to, model-driven methods (using event logs to identify patterns where improvements can be made); process mining frameworks or approaches (the development and validation of process mining methods that structure up and systematize the identification of improvement opportunities); case-based approaches; or approaches that, based on event logs, consider business process modelling, heuristics, robotic process automation, or intelligent process automation for improving business processes.

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Deadline for manuscript submissions

closed (30 June 2023)

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