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Collana	Lecture Notes in Business Information Processing, , 1865-1348 ; ; 237
Disciplina	006.3
Soggetti	Data mining Management information systems Industrial management Application software Data Mining and Knowledge Discovery Business Process Management Information Systems Applications (incl. Internet) Computer Appl. in Administrative Data Processing
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Nota di contenuto	Discovery of Frequent Episodes in Event Logs -- Finding Suitable Activity Clusters for Decomposed Process Discovery -- History-based Construction of Alignments for Conformance Checking: Formalization and Implementation? -- Dynamic Constructs Competition Miner - Occurrence vs. Time-based Ageing -- Trustworthy Cloud Certification: A Model-Based Approach.
Sommario/riassunto	This book constitutes the thoroughly refereed proceedings of the Fourth International Symposium on Data-Driven Process Discovery and Analysis held in Riva del Milan, Italy, in November 2014. The five revised full papers were carefully selected from 21 submissions. Following the event, authors were given the opportunity to improve their papers with the insights they gained from the symposium. During this edition, the presentations and discussions frequently focused on

the implementation of process mining algorithms in contexts where the analytical process is fed by data streams. The selected papers underline the most relevant challenges identified and propose novel solutions and approaches for their solution.