

1. Record Nr.	UNINA9910580293803321
Autore	Aalst Wil van der
Titolo	Process Mining Handbook // edited by Wil M. P. van der Aalst, Josep Carmona
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-08848-4
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (503 pages)
Collana	Lecture Notes in Business Information Processing, , 1865-1356 ; ; 448
Altri autori (Persone)	CarmonaJosep
Disciplina	658.4038
Soggetti	Information technology - Management Application software Data mining Business Process Management Computer and Information Systems Applications Data Mining and Knowledge Discovery Computer Application in Administrative Data Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Process Mining: A 360 Degree Overview -- Process Discovery -- Foundations of Process Discovery -- Advanced Process Discovery Techniques -- Declarative Process Specifications: Reasoning, Discovery, Monitoring -- Conformance Checking -- Conformance Checking: Foundations, Milestones and Challenges -- Data Preprocessing -- Foundations of Process Event Data -- A Practitioner's View on Process Mining Adoption, Event Log Engineering and Data Challenges -- Process Enhancement and Monitoring -- Foundations of Process Enhancement -- Process Mining over Multiple Behavioral Dimensions with Event Knowledge Graphs -- Predictive Process Monitoring -- Assorted Process Mining Topics -- Streaming Process Mining -- Responsible Process Mining -- Industrial Perspective and Applications -- Status and Future of Process Mining: from Process Discovery to Process Execution -- Using Process Mining in Healthcare -- Process Mining for Financial Auditing -- Robotic Process Mining -- Closing -- Scaling Process Mining to Turn Insights Into Actions.

Sommario/riassunto

This is an open access book. This book comprises all the single courses given as part of the First Summer School on Process Mining, PMSS 2022, which was held in Aachen, Germany, during July 4-8, 2022. The 17 chapters presented in this volume were organized in the following topical sections: introduction; process discovery; conformance checking; data preprocessing; process enhancement and monitoring; assorted process mining topics; industrial perspective and applications; and closing.
