1. Record Nr. UNINA9910483637203321 Autore Srinivas K. G. Titolo A Beginner's Guide to Learning Analytics [[electronic resource] /] / by Srinivasa K G, Muralidhar Kurni Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2021 **ISBN** 3-030-70258-8 Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (336 pages) Collana Advances in Analytics for Learning and Teaching, , 2662-2130 Disciplina 371.26 Soggetti Educational technology Education - Data processing Digital Education and Educational Technology Computers and Education Ensenyament Aprenentatge Models matemàtics Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto Chapter 1 -- Introduction to Learning Analytics -- 1.1. Introduction to Learning Analytics -- 1.2. Learning analytics: A new and rapidly developing field -- 1.3. Benefits and Challenges of learning analytics --1.4. Ethical Concerns with Learning Analytics -- 1.5. Use of Learning analytics -- 1.6. Conclusion -- 1.7. Review Questions -- Chapter 2 Educational Data Mining & Learning Analytics -- 2.1. Introduction --2.2. Educational Data Mining (EDM) -- 2.3. Educational Data Mining & Learning analytics -- 2.4. Educational Data Mining & Learning analytics Applications -- 2.5. Conclusion -- 2.6. Review Questions -- Chapter 3. -Preparing for Learning Analytics -- 3.1. Introduction -- 3.2. Role of Psychology in Learning analytics -- 3.3. Architecting the learning analytics environment -- 3.4. Major Barriers for adopting Learning Analytics.-3.5. Case Studies -- 3.6. Conclusion -- 3.7. Review

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Sommario/riassunto

This book A Beginner's Guide to Learning Analytics is designed to meet modern educational trends' needs. It is addressed to readers who have no prior knowledge of learning analytics and functions as an introductory text to learning analytics for those who want to do more with evaluation/assessment in their organizations. The book is useful to all who need to evaluate their learning and teaching strategies. It aims to bring greater efficiency and deeper engagement to individual students, learning communities, and educators. Covered here are the key concepts linked to learning analytics for researchers and practitioners interested in learning analytics. This book helps those who want to apply analytics to learning and development programs and helps educational institutions to identify learners who require support and provide a more personalized learning experience. Like chapters show diverse uses of learning analytics to enhance student and faculty performance. It presents a coherent framework for the effective translation of learning analytics research for educational practice to its practical application in different educational domains. This book provides educators and researchers with the tools and frameworks to effectively make sense of and use data and analytics in their everyday practice. This book will be a valuable addition to researchers' bookshelves.