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Titolo	Data for Learning : : Building a Smart Education Data System / / Husein Abdul-Hamid
Pubbl/distr/stampa	Washington, D.C. : , : The World Bank, , 2017
Descrizione fisica	1 online resource (336 pages)
Collana	Directions in Development;Directions in Development - Human Development
Altri autori (Persone)	Abdul-HamidHusein
Disciplina	370.212
Soggetti	Educational statistics - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	What Is an Education Management Information System, and Who Uses It? -- Value of Data: Better Data, Better Education -- Understanding Where You Are Today: Assessing the Current State of Education Management Information Systems -- How to Design and Implement Routine Data Collection from Schools -- How to Build and Select an Effective Software Solution -- Integration of Databases for Decision Making to Improve Learning Outcomes -- Innovation in Advanced and Decentralized Systems: The Case of the United States -- How to Build Progressive Centralized and Hybrid Data Systems: The Cases of Chile and Australia -- Developing an Affordable and School-Centered EMIS: The Case of Fiji -- Building and Education Management Information System in a Fragile Environment: The Case of Afghanistan.
Sommario/riassunto	Data are a crucial ingredient in any successful education system, but building and sustaining a data system are challenging tasks. Many countries around the world have spent significant resources but still struggle to accomplish a functioning Education Management Information System (EMIS). On the other hand, countries that have created successful systems are harnessing the power of data to improve education outcomes. Increasingly, EMISs are moving away from using data narrowly for counting students and schools. Instead, they use data to drive system-wide innovations, accountability, professionalization, and, most important, quality and learning. This broader use of data also benefits classroom instruction and support at

schools. An effective data system ensures that education cycles, from preschool to tertiary, are aligned and that the education system is monitored so it can achieve its ultimate goal-producing graduates able to successfully transition into the labor market and contribute to the overall national economy. Data for Learning: Building a Smart Education Data System and its forthcoming companion volume shed light on challenges in building a data system and provide actionable direction on how to navigate the complex issues associated with education data for better learning outcomes and beyond. Data for Learning details the key ingredients of successful data systems, including tangible examples, common pitfalls, and good practices. It is a resource for policy makers working to craft the vision and strategic road map of an EMIS, as well as a handbook to assist teams and decision makers in avoiding common mistakes. It is designed to provide the Show-to and to guide countries at various stages of EMIS deployment. A forthcoming companion volume will focus on digging deeper into the practical applications of education data systems by various user groups in different settings.

2. Record Nr.	UNISA996575463103316
Titolo	2019 IEEE/ACM International Workshop on Genetic Improvement (GI) // Institute of Electrical and Electronics Engineers
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ISBN	1-7281-2268-6
Descrizione fisica	1 online resource (various pagings) : illustrations
Disciplina	006.31
Soggetti	Genetic programming (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia