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Titolo	Data and the Built Environment : A Practical Guide to Building a Better World Using Data // by Ian Gordon, Neil Thompson
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ISBN	9783031510083 3031510089
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Descrizione fisica	1 online resource (380 pages)
Collana	Digital Innovations in Architecture, Engineering and Construction, , 2731-7277
Altri autori (Persone)	ThompsonNeil
Disciplina	690
Soggetti	Buildings - Design and construction Engineering - Data processing Environmental management Building Construction and Design Data Engineering Environmental Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Purpose and pedantry -- The challenge of the Built Environment -- Background reading -- Data and organisational culture -- Delivering data capability -- Radical technologies -- How to be a data person.
Sommario/riassunto	This book takes a data-first approach to framing the built environment sector's unique challenges and how industry can address them through better use of data. It describes how the sector has failed to derive value from data, and the common causes underlying this failure. It then provides practical guidance on how to use data to construct and operate built environment assets in a manner that better meets society's needs. The book examines how industry norms, organizational culture, and our personal behaviours contribute to the successful use of data. It sets out a philosophy and vision for the use of data in the built environment, and how this in turn might help the sector realise better outcomes in terms of cost, schedule, quality, and sustainability. Data is a valuable asset, one that the built environment sector must generate, protect, manage, and exploit. The book works as a holistic

primer to data and the built environment, written both for those who are new to data or the built environment, and including deep-dive material that will provide insight to experienced professionals.
