



The Algebra of Data: A Foundation for the Data Economy

By Gary Sherman, Robin Bloor

Bloor Group, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. There has never been a universal algebra of data. Mathematics has been widely employed by software in many ways: numerical analysis, statistics, algorithms, mathematical modeling, and so on, but it has never been used to formally define data in all its variety. This changed when mathematical research into data algebra--carried out for Algebraix Data Corporation by one of the authors of this book--matured and was tested in an extensive range of data management, data integration, and performance optimization contexts. The purpose of this book is to explain that data algebra. The book is undeniably and unashamedly a mathematics text. However, realizing that the readership would likely include many software developers and users as well as mathematicians, the book is written to be as accessible as possible to anyone with some mathematical skills. As such, this is not your grandfather's mathematics text. Between the various set theory assertions, expressions, and equations flows a narrative that is both surprising and entertaining. The subtitle of the book, A Foundation for the Data Economy, is not hyperbole. The mathematical definition...



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