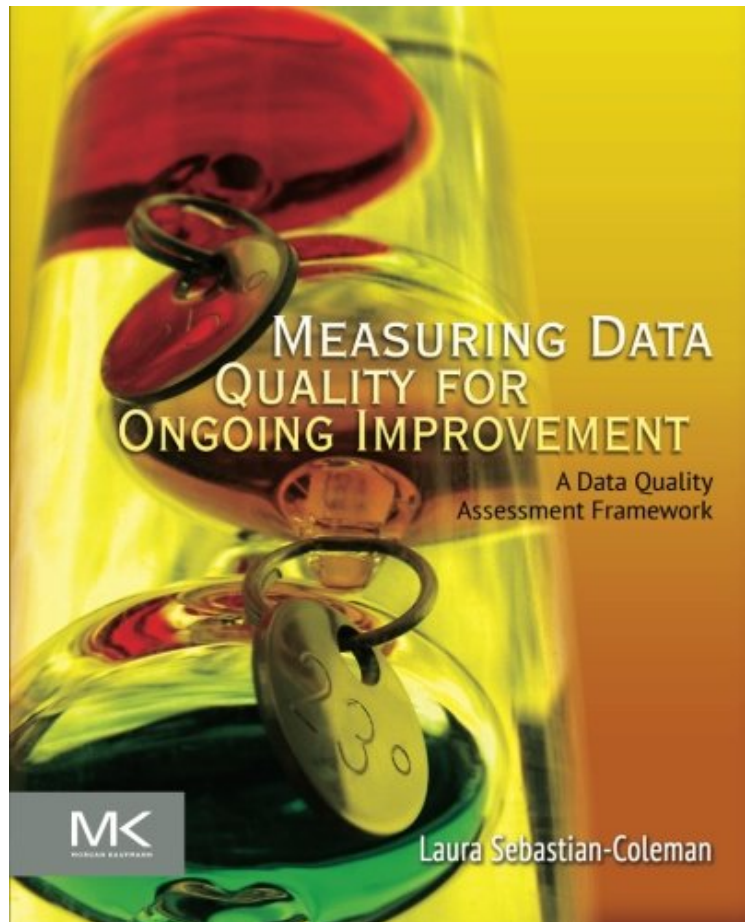


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Measuring Data Quality for Ongoing Improvement: A Data Quality Assessment Framework (The Morgan Kaufmann Series on Business Intelligence)

Laura Sebastian-Coleman

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#652460 in Books Morgan Kaufmann 2013-01-25 2013-01-11 Original language: English PDF # 1 9.25 x .82 x 7.50l, 1.65 #File Name: 0123970334376 pages | File size: 16.Mb

Laura Sebastian-Coleman : Measuring Data Quality for Ongoing Improvement: A Data Quality Assessment Framework (The Morgan Kaufmann Series on Business Intelligence) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Measuring Data Quality for Ongoing Improvement: A Data Quality Assessment Framework (The Morgan Kaufmann Series on Business Intelligence):

1 of 1 people found the following review helpful. this is a really great book, especially if you're working in healthcareBy Kristy CahoonOverall, this is a really great book, especially if you're working in healthcare. While there are data quality assessment frameworks available without buying an expensive book, the author has done a great job of making it relevant and useful (and not available on the internet so you have to buy the book).Generally the book is

easy to follow and comes with a lot of useful information. My one complaint is that there should be a website where you can pull diagrams and charts from the book (with license restrictions, of course), so that if I want to take them into a meeting and show them I don't have to recreate them from scratch.

0 of 0 people found the following review helpful.
Poorly written. By W. Raper This book has some good ideas. However, it comes across as an academic research paper rather than trying to convey ideas to folks in normal day-to-day business. It is a VERY difficult read --- to the point that the value is completely lost.

2 of 2 people found the following review helpful. **Measuring Data Quality for Ongoing Improvement: A Data Quality Assessment Framework** By Cynthia J. Hartman As a business person, this book has forever changed the way I look at data, as well as my perspective on data that's presented to me. When reading this book, 2 points in particular impressed me. First, it's true that Business and Technical (IT) people tend to view data differently. IT people tend towards the technical aspects of the data, whereas Business people don't care so much about the numbers as they do about what the numbers say in terms of business impact. Sebastian-Coleman hits home on the meeting of the minds between IT and Business people so they can work together to get the most out of their data. Second, the data quality dimensions are a key component in understanding the quality of your data. However, they are conceptual in nature and can be difficult to relate to, particularly for Business people. The DQAF (Data Quality Assessment Framework) outlined in this book presents a dissection of the Data Quality Dimensions into a practical, generic menu that can serve as a great starting point for any company to begin developing a set of measurements integral to a good data quality program. This book is a must read for anyone - IT or Business - working in the data space today.

The Data Quality Assessment Framework shows you how to measure and monitor data quality, ensuring quality over time. You'll start with general concepts of measurement and work your way through a detailed framework of more than three dozen measurement types related to five objective dimensions of quality: completeness, timeliness, consistency, validity, and integrity. Ongoing measurement, rather than one-time activities will help your organization reach a new level of data quality. This plain-language approach to measuring data can be understood by both business and IT and provides practical guidance on how to apply the DQAF within any organization enabling you to prioritize measurements and effectively report on results. Strategies for using data measurement to govern and improve the quality of data and guidelines for applying the framework within a data asset are included. You'll come away able to prioritize which measurement types to implement, knowing where to place them in a data flow and how frequently to measure. Common conceptual models for defining and storing of data quality results for purposes of trend analysis are also included as well as generic business requirements for ongoing measuring and monitoring including calculations and comparisons that make the measurements meaningful and help understand trends and detect anomalies. Demonstrates how to leverage a technology independent data quality measurement framework for your specific business priorities and data quality challenges Enables discussions between business and IT with a non-technical vocabulary for data quality measurement Describes how to measure data quality on an ongoing basis with generic measurement types that can be applied to any situation

"This book provides a very well-structured introduction to the fundamental issue of data quality, making it a very useful tool for managers, practitioners, analysts, software developers, and systems engineers. It also helps explain what data quality management entails and provides practical approaches aimed at actual implementation. I positively recommend reading it" --Computing s.com, January 2014 "The framework she describes is a set of 48 generic measurement types based on five dimensions of data quality: completeness, timeliness, validity, consistency, and integrity. The material is for people who are charged with improving, monitoring, or ensuring data quality." --Reference and Research Book News, August 2013 "If you are intent on improving the quality of the data at your organization you would do well to read *Measuring Data Quality for Ongoing Improvement* and adopt the DQAF offered up in this fine book." --Data and Technology Today blog, July 2013

From the Back Cover The Data Quality Assessment Framework shows you how to measure and monitor data quality, ensuring quality over time. You'll start with general concepts of measurement and work your way through a detailed framework of more than three dozen measurement types related to five objective dimensions of quality: completeness, timeliness, consistency, validity, and integrity. Ongoing measurement, rather than one-time activities will help your organization reach a new level of data quality. This plain-language approach to measuring data can be understood by both business and IT and provides practical guidance on how to apply the DQAF within any organization enabling you to prioritize measurements and effectively report on results. Strategies for using data measurement to govern and improve the quality of data and guidelines for applying the framework within a data asset are included. You'll come away able to prioritize which measurement types to implement, knowing where to place them in a data flow and how frequently to measure. Common conceptual models for defining and storing of data quality results for purposes of trend analysis are also included as well as generic business requirements for ongoing measuring and monitoring including calculations and comparisons that make the measurements meaningful and help understand trends and detect anomalies.

About the Author Laura Sebastian-Coleman, a data quality architect at Optum Insight, has worked on data quality in large health

care data warehouses since 2003. Optum Insight specializes in improving the performance of the health system by providing analytics, technology and consulting services. Laura has implemented data quality metrics and reporting, launched and facilitated Optum Insights Data Quality Community, contributed to data consumer training programs, and has led efforts to establish data standards and manage metadata. In 2009, she led a group of analysts from Optum and UnitedHealth Group in developing the original Data Quality Assessment Framework (DQAF) which is the basis for Measuring Data Quality for Ongoing Improvement. An active professional, Laura has delivered papers at MIT's Information Quality Conferences and at conferences sponsored by the International Association for Information and Data Quality (IAIDQ) and the Data Governance Organization (DGO). From 2009-2010, she served as IAIDQ's Director of Member Services. Before joining Optum Insight, she spent eight years in internal communications and information technology roles in the commercial insurance industry. She holds the IQCP (Information Quality Certified Professional) designation from IAIDQ, a Certificate in Information Quality from MIT, a B.A. in English and History from Franklin Marshall College, and Ph.D. in English Literature from the University of Rochester (NY).