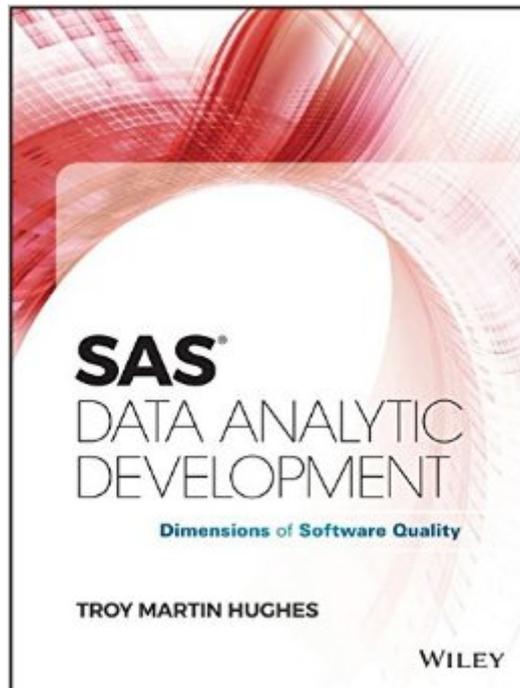


The book was found

SAS Data Analytic Development: Dimensions Of Software Quality (Wiley And SAS Business Series)



Synopsis

Design quality SAS software and evaluate SAS software quality SAS® Data Analytic Development is the developer's compendium for writing better-performing software and the manager's guide to building comprehensive software performance requirements. The text introduces and parallels the International Organization for Standardization (ISO) software product quality model, demonstrating 15 performance requirements that represent dimensions of software quality, including: reliability, recoverability, robustness, execution efficiency (i.e., speed), efficiency, scalability, portability, security, automation, maintainability, modularity, readability, testability, stability, and reusability. The text is intended to be read cover-to-cover or used as a reference tool to instruct, inspire, deliver, and evaluate software quality. A common fault in many software development environments is a focus on functional requirements "the what and how" to the detriment of performance requirements, which specify instead how well software should function (assessed through software execution) or how easily software should be maintained (assessed through code inspection). Without the definition and communication of performance requirements, developers risk either building software that lacks intended quality or wasting time delivering software that exceeds performance objectives "thus, either underperforming or gold-plating, both of which are undesirable. Managers, customers, and other decision makers should also understand the dimensions of software quality both to define performance requirements at project outset as well as to evaluate whether those objectives were met at software completion. As data analytic software, SAS® transforms data into information and ultimately knowledge and data-driven decisions. Not surprisingly, data quality is a central focus and theme of SAS® literature; however, code quality is far less commonly described and too often references only the speed or efficiency with which software should execute, omitting other critical dimensions of software quality. SAS® software project definitions and technical requirements often fall victim to this paradox, in which rigorous quality requirements exist for data and data products yet not for the software that undergirds them. By demonstrating the cost and benefits of software quality inclusion and the risk of software quality exclusion, stakeholders learn to value, prioritize, implement, and evaluate dimensions of software quality within risk management and project management frameworks of the software development life cycle (SDLC). Thus, SAS® Data Analytic Development recalibrates business value, placing code quality on par with data quality, and performance requirements on par with functional requirements.

Book Information

Series: Wiley and SAS Business Series

Hardcover: 624 pages

Publisher: Wiley; 1 edition (September 6, 2016)

Language: English

ISBN-10: 111924076X

ISBN-13: 978-1119240761

Product Dimensions: 7.1 x 2 x 9.3 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,142,381 in Books (See Top 100 in Books) #84 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Quality Control #1050 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Testing #1899 in Books > Computers & Technology > Software > Mathematical & Statistical

[Download to continue reading...](#)

SAS Data Analytic Development: Dimensions of Software Quality (Wiley and SAS Business Series)
Agile by Design: An Implementation Guide to Analytic Lifecycle Management (Wiley and SAS Business Series)
Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data)
Credit Risk Analytics: Measurement Techniques, Applications, and Examples in SAS (Wiley and SAS Business Series)
Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking
Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2)
Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data)
Fraud Analytics Using Descriptive, Predictive, and Social Network Techniques: A Guide to Data Science for Fraud Detection (Wiley and SAS Business Series)
Software Engineering Classics: Software Project Survival Guide/ Debugging the Development Process/ Dynamics of Software Development (Programming/General)
Warranty Fraud Management: Reducing Fraud and Other Excess Costs in Warranty and Service Operations (Wiley and SAS Business Series)
SAS/ACCESS 9.1 Supplement For ODBC SAS/ACCESS For Relational Databases Using SAS/ACCESS (R) Software to Access ODBC Data Course Notes
Trade-Based Money Laundering: The Next Frontier in International Money Laundering Enforcement (Wiley and SAS Business Series)
Agile Software Development with Scrum (Series in Agile Software Development) Business Plan:

Business Tips How to Start Your Own Business, Make Business Plan and Manage Money
(business tools, business concepts, financial freedom, ... making money, business planning Book 1)
Software Assessment: Reliability, Safety, Testability (New Dimensions In Engineering Series)
Software Failure: Management Failure: Amazing Stories and Cautionary Tales (Wiley Series in
Software Engineering Practice) Error-Free Software: Know-How and Know-Why of Program
Correctness (Wiley Series in Software Engineering Practice) Practical Software Reuse (Wiley
Series in Software Engineering Practice) Software Reuse: A Holistic Approach (Wiley Series in
Software-Based Systems)

[Dmca](#)