



Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods)

By Daniel Fasel

Download now

Read Online ➔

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel

The numeric values retrieved from a data warehouse may be difficult for business users to interpret, and may even be interpreted incorrectly. Therefore, in order to better understand numeric values, business users may require an interpretation in meaningful, non-numeric terms. However, if the transition between non-numeric terms is crisp, true values cannot be measured and a smooth transition between classes may no longer be possible. This book addresses this problem by presenting a fuzzy classification-based approach for a data warehouses. Moreover, it introduces a modeling approach for fuzzy data warehouses that makes it possible to integrate fuzzy linguistic variables in a meta-table structure. The essence of this structure is that fuzzy concepts can be integrated into the dimensions and facts of an existing classical data warehouse without affecting its core. This allows a simultaneous analysis, both fuzzy and crisp. A case study of a movie rental company underlines and exemplifies the proposed approach.

 [Download Fuzzy Data Warehousing for Performance Measurement ...pdf](#)

 [Read Online Fuzzy Data Warehousing for Performance Measureme ...pdf](#)

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods)

By Daniel Fasel

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel

The numeric values retrieved from a data warehouse may be difficult for business users to interpret, and may even be interpreted incorrectly. Therefore, in order to better understand numeric values, business users may require an interpretation in meaningful, non-numeric terms. However, if the transition between non-numeric terms is crisp, true values cannot be measured and a smooth transition between classes may no longer be possible. This book addresses this problem by presenting a fuzzy classification-based approach for a data warehouses. Moreover, it introduces a modeling approach for fuzzy data warehouses that makes it possible to integrate fuzzy linguistic variables in a meta-table structure. The essence of this structure is that fuzzy concepts can be integrated into the dimensions and facts of an existing classical data warehouse without affecting its core. This allows a simultaneous analysis, both fuzzy and crisp. A case study of a movie rental company underlines and exemplifies the proposed approach.

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel Bibliography

- Rank: #8737421 in Books
- Brand: Daniel Fasel
- Published on: 2014-03-03
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .63" w x 6.14" l, 1.20 pounds
- Binding: Hardcover
- 236 pages

 [Download Fuzzy Data Warehousing for Performance Measurement ...pdf](#)

 [Read Online Fuzzy Data Warehousing for Performance Measureme ...pdf](#)

Download and Read Free Online Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel

Editorial Review

From the Back Cover

The numeric values retrieved from a data warehouse may be difficult for business users to interpret, and may even be interpreted incorrectly. Therefore, in order to better understand numeric values, business users may require an interpretation in meaningful, non-numeric terms. However, if the transition between non-numeric terms is crisp, true values cannot be measured and a smooth transition between classes may no longer be possible. This book addresses this problem by presenting a fuzzy classification-based approach for a data warehouses. Moreover, it introduces a modeling approach for fuzzy data warehouses that makes it possible to integrate fuzzy linguistic variables in a meta-table structure. The essence of this structure is that fuzzy concepts can be integrated into the dimensions and facts of an existing classical data warehouse without affecting its core. This allows a simultaneous analysis, both fuzzy and crisp. A case study of a movie rental company underlines and exemplifies the proposed approach.

About the Author

Dr. Daniel Fasel is the founder, CEO and President of the Managerial Board at Scigility. Previously, he served as the first data scientist on the business intelligence team at Swisscom and was key in implementing NoSQL technologies for explorative analytics during his time there. Before focusing on data science and NoSQL technologies, he was a BI Engineer for the contract and customer field - a core component of the Swisscom Data Warehouse. He also served as a BI Architect and Administrator for the Oracle Hyperion Essbase cubes. In 2012, he received his Ph.D. in economics from the University of Fribourg.

Users Review

From reader reviews:

Ellen Wirth:

This Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) book is simply not ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book will be information inside this reserve incredible fresh, you will get details which is getting deeper anyone read a lot of information you will get. This particular Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) without we know teach the one who examining it become critical in pondering and analyzing. Don't always be worry Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) can bring any time you are and not make your bag space or bookshelves' turn into full because you can have it in the lovely laptop even mobile phone. This Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) having fine arrangement in word in addition to layout, so you will not really feel uninterested in reading.

Traci Daniels:

Reading a book to become new life style in this season; every people loves to read a book. When you study a book you can get a great deal of benefit. When you read ebooks, you can improve your knowledge, simply because book has a lot of information in it. The information that you will get depend on what types of book that you have read. If you would like get information about your review, you can read education books, but if you want to entertain yourself you are able to a fiction books, this sort of us novel, comics, and also soon. The Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) offer you a new experience in reading a book.

James Ritchey:

In this period globalization it is important to someone to obtain information. The information will make you to definitely understand the condition of the world. The health of the world makes the information quicker to share. You can find a lot of references to get information example: internet, paper, book, and soon. You can see that now, a lot of publisher that print many kinds of book. Often the book that recommended to you personally is Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) this book consist a lot of the information with the condition of this world now. This book was represented how do the world has grown up. The language styles that writer make usage of to explain it is easy to understand. The actual writer made some research when he makes this book. That's why this book appropriate all of you.

Magdalena McKinney:

Guide is one of source of understanding. We can add our know-how from it. Not only for students but native or citizen need book to know the up-date information of year to be able to year. As we know those books have many advantages. Beside many of us add our knowledge, can bring us to around the world. From the book Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) we can acquire more advantage. Don't someone to be creative people? Being creative person must choose to read a book. Just simply choose the best book that suited with your aim. Don't always be doubt to change your life at this book Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods). You can more inviting than now.

Download and Read Online Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel #16HUF5YI2DT

Read Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel for online ebook

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel books to read online.

Online Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel ebook PDF download

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel Doc

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel Mobipocket

Fuzzy Data Warehousing for Performance Measurement: Concept and Implementation (Fuzzy Management Methods) By Daniel Fasel EPub