Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends)
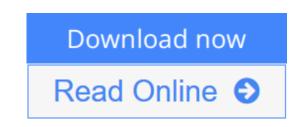
By Jules J. Berman

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman

Repurposing Legacy Data: Innovative Case Studies takes a look at how data scientists have re-purposed legacy data, whether their own, or legacy data that has been donated to the public domain.

Most of the data stored worldwide is legacy data?data created some time in the past, for a particular purpose, and left in obsolete formats. As with keepsakes in an attic, we retain this information thinking it may have value in the future, though we have no current use for it.

The case studies in this book, from such diverse fields as cosmology, quantum physics, high-energy physics, microbiology, psychiatry, medicine, and hospital administration, all serve to demonstrate how innovative people draw value from legacy data. By following the case examples, readers will learn how legacy data is restored, merged, and analyzed for purposes that were never imagined by the original data creators.

- Discusses how combining existing data with other data sets of the same kind can produce an aggregate data set that serves to answer questions that could not be answered with any of the original data
- Presents a method for re-analyzing original data sets using alternate or improved methods that can provide outcomes more precise and reliable than those produced in the original analysis
- Explains how to integrate heterogeneous data sets for the purpose of answering questions or developing concepts that span several different scientific fields

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends)

By Jules J. Berman

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman

Repurposing Legacy Data: Innovative Case Studies takes a look at how data scientists have re-purposed legacy data, whether their own, or legacy data that has been donated to the public domain.

Most of the data stored worldwide is legacy data?data created some time in the past, for a particular purpose, and left in obsolete formats. As with keepsakes in an attic, we retain this information thinking it may have value in the future, though we have no current use for it.

The case studies in this book, from such diverse fields as cosmology, quantum physics, high-energy physics, microbiology, psychiatry, medicine, and hospital administration, all serve to demonstrate how innovative people draw value from legacy data. By following the case examples, readers will learn how legacy data is restored, merged, and analyzed for purposes that were never imagined by the original data creators.

- Discusses how combining existing data with other data sets of the same kind can produce an aggregate data set that serves to answer questions that could not be answered with any of the original data
- Presents a method for re-analyzing original data sets using alternate or improved methods that can provide outcomes more precise and reliable than those produced in the original analysis
- Explains how to integrate heterogeneous data sets for the purpose of answering questions or developing concepts that span several different scientific fields

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman Bibliography

- Sales Rank: #5234872 in Books
- Brand: imusti
- Published on: 2015-03-31
- Released on: 2015-03-17
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x .38" w x 6.00" l, .60 pounds
- Binding: Paperback
- 176 pages

[⬇ **Download** Repurposing Legacy Data: Innovative Case Studies (...pdf](#)

[▤ **Read Online** Repurposing Legacy Data: Innovative Case Studies ...pdf](#)

Download and Read Free Online Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman

---

Editorial Review

From the Back Cover

Most of the data stored worldwide is legacy data, data created some time in the past, for a particular purpose, and left in a format that is not in current use. Legacy data lives in the attics of our information-centric world. We've somehow come into possession of the data; we think that some of our data may hold great value; we're afraid to discard it; but we don't quite know what to do with it. It is taken as an article of faith that if we ever get around to dusting off the stuff, we can put it to good use. *Re-Purposing Legacy Data: Innovative Case Studies* takes a look at how data scientists have re-purposed their own legacy data, or legacy data that has been donated to the public domain. Case studies selected from such diverse fields as cosmology, quantum physics, high-energy physics, microbiology, psychiatry, medicine, and hospital administration, all serve to demonstrate how innovative people draw value from legacy data. By following the case examples, readers will learn how legacy data is restored, merged, and analyzed for purposes that were never imagined by the original data creators.

About the Author
Jules Berman holds two bachelor of science degrees from MIT (Mathematics, and Earth and Planetary Sciences), a PhD from Temple University, and an MD, from the University of Miami. His post-doctoral studies were completed at the U.S. National Institutes of Health, and his medical residency was completed at the George Washington University Medical Center in Washington, D.C. Dr. Berman served as Chief of Anatomic Pathology, Surgical Pathology and Cytopathology at the Veterans Administration Medical Center in Baltimore, Maryland, where he held joint appointments at the University of Maryland Medical Center and at the Johns Hopkins Medical Institutions. In 1998, he became the Program Director for Pathology Informatics in the Cancer Diagnosis Program at the U.S. National Cancer Institute. In 2006, Dr. Berman was President of the Association for Pathology Informatics. In 2011 he received the Lifetime Achievement Award from the Association for Pathology Informatics. Dr. Berman has made many contributions to the field of data science, particularly in the areas of identification, deidentification, data exchange protocols, standards development, regulatory/legal issues, and metadata annotation. He is first author on over one hundred journal articles and a co-author on over two hundred scientific publications. Today Dr. Berman is a free-lance author, writing extensively in his three areas of expertise: informatics, computer programming, and medicine. A complete list of his publications is available at http://www.julesberman.info/pubs.htm

Users Review

From reader reviews:

Karen Moore:

This Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) book is simply not ordinary book, you have it then the world is in your hands. The benefit you obtain by reading this book is information inside this publication incredible fresh, you will get information which is getting deeper you actually read a lot of information you will get. This Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) without we recognize teach the one who looking at it become critical in considering and analyzing. Don't end up being worry Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) can bring any time you are and not make your bag space or

bookshelves' grow to be full because you can have it in the lovely laptop even mobile phone. This Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) having fine arrangement in word in addition to layout, so you will not experience uninterested in reading.

Margaret Watkins:

Do you one among people who can't read satisfying if the sentence chained inside straightway, hold on guys this specific aren't like that. This Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) book is readable by means of you who hate the straight word style. You will find the facts here are arrange for enjoyable examining experience without leaving also decrease the knowledge that want to offer to you. The writer regarding Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) content conveys prospect easily to understand by most people. The printed and e-book are not different in the written content but it just different as it. So , do you continue to thinking Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) is not loveable to be your top listing reading book?

Timmy Gallegos:

The particular book Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) has a lot of knowledge on it. So when you read this book you can get a lot of advantage. The book was compiled by the very famous author. The author makes some research previous to write this book. This book very easy to read you can get the point easily after reading this book.

Theo Garcia:

This Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) is great publication for you because the content and that is full of information for you who have always deal with world and get to make decision every minute. This kind of book reveal it data accurately using great plan word or we can state no rambling sentences in it. So if you are read this hurriedly you can have whole details in it. Doesn't mean it only provides you with straight forward sentences but hard core information with splendid delivering sentences. Having Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) in your hand like keeping the world in your arm, information in it is not ridiculous one. We can say that no publication that offer you world inside ten or fifteen moment right but this publication already do that. So , this is certainly good reading book. Hey Mr. and Mrs. active do you still doubt in which?

Download and Read Online Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman #RYNWTB2XU93

Read Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman for online ebook

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman 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 Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman books to read online.

Online Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman ebook PDF download

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman Doc

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman Mobipocket

Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman EPub

RYNWTB2XU93: Repurposing Legacy Data: Innovative Case Studies (Computer Science Reviews and Trends) By Jules J. Berman