Training Students to Extract Value from Big Data: Summary of a Workshop (Paperback)

Filesize: 3.66 MB

Reviews

The most effective book i ever read through. It can be rally fascinating throgh looking at time period. Your lifestyle span will be enhance when you complete looking over this publication.
(Maribel Kerluke)

TRAINING STUDENTS TO EXTRACT VALUE FROM BIG DATA: SUMMARY OF A WORKSHOP (PAPERBACK)

To save **Training Students to Extract Value from Big Data: Summary of a Workshop (Paperback)** PDF, make sure you follow the hyperlink listed below and download the ebook or gain access to additional information which are have conjunction with TRAINING STUDENTS TO EXTRACT VALUE FROM BIG DATA: SUMMARY OF A WORKSHOP (PAPERBACK) book.

National Academies Press, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book. As the availability of high-throughput data-collection technologies, such as information-sensing mobile devices, remote sensing, internet log records, and wireless sensor networks has grown, science, engineering, and business have rapidly transitioned from striving to develop information from scant data to a situation in which the challenge is now that the amount of information exceeds a human s ability to examine, let alone absorb, it. Data sets are increasingly complex, and this potentially increases the problems associated with such concerns as missing information and other quality concerns, data heterogeneity, and differing data formats. The nation s ability to make use of data depends heavily on the availability of a workforce that is properly trained and ready to tackle high-need areas. Training students to be capable in exploiting big data requires experience with statistical analysis, machine learning, and computational infrastructure that permits the real problems associated with massive data to be revealed and, ultimately, addressed. Analysis of big data requires cross-disciplinary skills, including the ability to make modeling decisions while balancing trade-offs between optimization and approximation, all while being attentive to useful metrics and system robustness. To develop those skills in students, it is important to identify whom to teach, that is, the educational background, experience, and characteristics of a prospective data-science student; what to teach, that is, the technical and practical content that should be taught to the student; and how to teach, that is, the structure and organization of a data-science program. Training Students to Extract Value from Big Data summarizes a workshop convened in April 2014 by the National Research Council s Committee on Applied and Theoretical Statistics to explore how best to train students to use big data. The workshop explored the need for...

⇥ Read Training Students to Extract Value from Big Data: Summary of a Workshop (Paperback) Online

📄 Download PDF Training Students to Extract Value from Big Data: Summary of a Workshop (Paperback)

📄 Download ePUB Training Students to Extract Value from Big Data: Summary of a Workshop (Paperback)

Other PDFs

[PDF] It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em

Click the web link listed below to get "It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em" PDF document.

Read ePub »

[PDF] No Friends?: How to Make Friends Fast and Keep Them

Click the web link listed below to get "No Friends?: How to Make Friends Fast and Keep Them" PDF document.

Read ePub »

[PDF] Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

Click the web link listed below to get "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities" PDF document.

Read ePub »

[PDF] The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program

Click the web link listed below to get "The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program" PDF document.

Read ePub »

[PDF] History of the Town of Sutton Massachusetts from 1704 to 1876

Click the web link listed below to get "History of the Town of Sutton Massachusetts from 1704 to 1876" PDF document.

Read ePub »

[PDF] From Kristallnacht to Israel: A Holocaust Survivor s Journey

Click the web link listed below to get "From Kristallnacht to Israel: A Holocaust Survivor s Journey" PDF document.

Read ePub »

[PDF] Found around the world : pay attention to safety(Chinese Edition)

Access the web link beneath to download and read "Found around the world : pay attention to safety(Chinese Edition)" PDF document.

Save Book »

[PDF] Mass Media Law: The Printing Press to the Internet

Access the web link beneath to download and read "Mass Media Law: The Printing Press to the Internet" PDF document.

Save Book »

[PDF] The Day I Forgot to Pray

Access the web link beneath to download and read "The Day I Forgot to Pray" PDF document.

Save Book »

[PDF] Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)

Access the web link beneath to download and read "Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)" PDF document.

Save Book »

[PDF] The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

Access the web link beneath to download and read "The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)" PDF document.

Save Book »

[PDF] Hope for Autism: 10 Practical Solutions to Everyday Challenges

Access the web link beneath to download and read "Hope for Autism: 10 Practical Solutions to Everyday Challenges" PDF document.

Save Book »