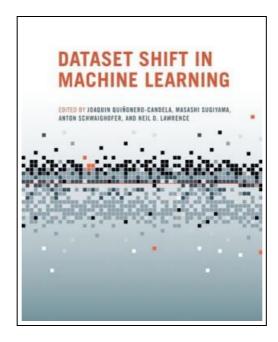
## Dataset Shift in Machine Learning (Hardback)



Filesize: 6.17 MB

## Reviews

This published book is wonderful. It is one of the most incredible book we have go through. I realized this pdffrom my i and dad advised this book to learn.

(Felicia Heidenreich)

## DATASET SHIFT IN MACHINE LEARNING (HARDBACK)



MIT Press Ltd, United States, 2009. Hardback. Condition: New. Language: English. Brand New Book. An overview of recent efforts in the machine learning community to deal with dataset and covariate shift, which occurs when test and training inputs and outputs have different distributions. Dataset shift is a common problem in predictive modeling that occurs when the joint distribution of inputs and outputs differs between training and test stages. Covariate shift, a particular case of dataset shift, occurs when only the input distribution changes. Dataset shift is present in most practical applications, for reasons ranging from the bias introduced by experimental design to the irreproducibility of the testing conditions at training time. (An example is -email spam filtering, which may fail to recognize spam that differs in form from the spam the automatic filter has been built on.) Despite this, and despite the attention given to the apparently similar problems of semi-supervised learning and active learning, dataset shift has received relatively little attention in the machine learning community until recently. This volume offers an overview of current efforts to deal with dataset and covariate shift. The chapters offer a mathematical and philosophical introduction to the problem, place dataset shift in relationship to transfer learning, transduction, local learning, active learning, and semi-supervised learning, provide theoretical views of dataset and covariate shift (including decision theoretic and Bayesian perspectives), and present algorithms for covariate shift. Contributors Shai Ben-David, Steffen Bickel, Karsten Borgwardt, Michael Bruckner, David Corfield, Amir Globerson, Arthur Gretton, Lars Kai Hansen, Matthias Hein, Jiayuan Huang, Choon Hui Teo, Takafumi Kanamori, Klaus-Robert Muller, Sam Roweis, Neil Rubens, Tobias Scheffer, Marcel Schmittfull, Bernhard Schoelkopf Hidetoshi Shimodaira, Alex Smola, Amos Storkey, Masashi Sugiyama.

- Read Dataset Shift in Machine Learning (Hardback) Online
  - Download PDF Dataset Shift in Machine Learning (Hardback)

## Related eBooks



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...
Read e Pub »



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...
Read e Pub »



Daddyteller: How to Be a Hero to Your Kids and Teach Them What's Really by Telling Them One Simple Story at a Time

Createspace, United States, 2013. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*.You have the power, Dad, to influence and educate your child. You can...
Read e Pub »



On Your Case: A Comprehensive, Compassionate (and Only Slightly Bossy) Legal Guide for Every Stage of a Woman's Life (Hardback)

HarperCollins Publishers Inc, United States, 2015. Hardback. Book Condition: New. 229 x 157 mm. Language: English. Brand New Book. Compelling.... A must-read for all women. Lee Woodruff, New York Times bestselling...

Read e Pub »



On Your Case: A Comprehensive, Compassionate (and Only Slightly Bossy) Legal Guide for Every Stage of a Woman's Life

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 132 mm. Language: English. Brand New Book. Compelling.... A must-read for all women. Lee Woodruff, New York Times...

Read e Pub.»



Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook

Createspace, United States, 2010. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*.From a certified teacher and founder of an online tutoring website-a simple and
Read PDF »



Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

 ${\tt Book\,Condition:}\,{\tt Brand\,New.\,Book\,Condition:}\,{\tt Brand\,New.}$ 

Read PDF »



13 Things Rich People Won t Tell You: 325+ Tried-And-True Secrets to Building Your Fortune No Matter What Your Salary (Hardback)

Reader's Digest Association, United States, 2013. Hardback. Book Condition: New. 231 x 160 mm. Language: English. Brand New Book. Did you read about the janitor who donated million dollars to his local Read PDF »



Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success
Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How
Read PDF »



Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452

2011. Softcover. Book Condition: New. 6th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, Read PDF »