Fundamentals of Predictive Text Mining (Texts in Computer Science)

Sholom M. Weiss, Nitin Indurkhya, Tong Zhang

Fundamentals of Predictive Text Mining (Texts in Computer Science)

Sholom M. Weiss, Nitin Indurkhya, Tong Zhang

Fundamentals of Predictive Text Mining (Texts in Computer Science) Sholom M. Weiss, Nitin Indurkhya, Tong Zhang
One consequence of the pervasive use of computers is that most documents originate in digital form. Widespread use of the Internet makes them readily available. Text mining – the process of analyzing unstructured natural-language text – is concerned with how to extract information from these documents.

Developed from the authors' highly successful Springer reference on text mining, Fundamentals of Predictive Text Mining is an introductory textbook and guide to this rapidly evolving field. Integrating topics spanning the varied disciplines of data mining, machine learning, databases, and computational linguistics, this uniquely useful book also provides practical advice for text mining. In-depth discussions are presented on issues of document classification, information retrieval, clustering and organizing documents, information extraction, web-based data-sourcing, and prediction and evaluation. Background on data mining is beneficial, but not essential. Where advanced concepts are discussed that require mathematical maturity for a proper understanding, intuitive explanations are also provided for less advanced readers.

Topics and features: presents a comprehensive, practical and easy-to-read introduction to text mining; includes chapter summaries, useful historical and bibliographic remarks, and classroom-tested exercises for each chapter; explores the application and utility of each method, as well as the optimum techniques for specific scenarios; provides several descriptive case studies that take readers from problem description to systems deployment in the real world; includes access to industrial-strength text-mining software that runs on any computer; describes methods that rely on basic statistical techniques, thus allowing for relevance to all languages (not just English); contains links to free downloadable software and other supplementary instruction material.

Fundamentals of Predictive Text Mining is an essential resource for IT professionals and managers, as well as a key text for advanced undergraduate computer science students and beginning graduate students.

Dr. Sholom M. Weiss is a Research Staff Member with the IBM Predictive Modeling group, in Yorktown Heights, New York, and Professor Emeritus of Computer Science at Rutgers University. Dr. Nitin Indurkhya is Professor at the School of Computer Science and Engineering, University of New South Wales, Australia, as well as founder and president of data-mining consulting company Data-Miner Pty Ltd. Dr. Tong Zhang is Associate Professor at the Department of Statistics and Biostatistics at Rutgers University, New Jersey.

⬇ Download Fundamentals of Predictive Text Mining (Texts in C ...pdf

🗎 Read Online Fundamentals of Predictive Text Mining (Texts in ...pdf

Download and Read Free Online Fundamentals of Predictive Text Mining (Texts in Computer Science) Sholom M. Weiss, Nitin Indurkhya, Tong Zhang

---

From reader reviews:

Margaret Barone:

This Fundamentals of Predictive Text Mining (Texts in Computer Science) are usually reliable for you who want to be considered a successful person, why. The reason of this Fundamentals of Predictive Text Mining (Texts in Computer Science) can be one of many great books you must have will be giving you more than just simple reading food but feed you with information that maybe will shock your before knowledge. This book is usually handy, you can bring it all over the place and whenever your conditions both in e-book and printed people. Beside that this Fundamentals of Predictive Text Mining (Texts in Computer Science) giving you an enormous of experience like rich vocabulary, giving you trial run of critical thinking that we realize it useful in your day pastime. So , let's have it appreciate reading.

Allison Phelps:

The particular book Fundamentals of Predictive Text Mining (Texts in Computer Science) has a lot associated with on it. So when you make sure to read this book you can get a lot of advantage. The book was compiled by the very famous author. This articles author makes some research prior to write this book. That book very easy to read you may get the point easily after reading this book.

Laura Dumas:

Do you really one of the book lovers? If so, do you ever feeling doubt when you are in the book store? Make an effort to pick one book that you find out the inside because don't evaluate book by its include may doesn't work this is difficult job because you are scared that the inside maybe not seeing that fantastic as in the outside search likes. Maybe you answer might be Fundamentals of Predictive Text Mining (Texts in Computer Science) why because the amazing cover that make you consider about the content will not disappoint you. The inside or content is definitely fantastic as the outside or perhaps cover. Your reading 6th sense will directly direct you to pick up this book.

Gilbert Phillips:

Reading a e-book make you to get more knowledge from the jawhorse. You can take knowledge and information from your book. Book is composed or printed or created from each source in which filled update of news. On this modern era like right now, many ways to get information are available for anyone. From media social such as newspaper, magazines, science book, encyclopedia, reference book, fresh and comic. You can add your knowledge by that book. Are you hip to spend your spare time to open your book? Or just trying to find the Fundamentals of Predictive Text Mining (Texts in Computer Science) when you essential it?

Download and Read Online Fundamentals of Predictive Text Mining (Texts in Computer Science) Sholom M. Weiss, Nitin Indurkhya, Tong Zhang #7X3C0OJR1WQ

Read Fundamentals of Predictive Text Mining (Texts in Computer Science) by Sholom M. Weiss, Nitin Indurkhya, Tong Zhang for online ebook

Fundamentals of Predictive Text Mining (Texts in Computer Science) by Sholom M. Weiss, Nitin Indurkhya, Tong Zhang 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 Fundamentals of Predictive Text Mining (Texts in Computer Science) by Sholom M. Weiss, Nitin Indurkhya, Tong Zhang books to read online.

Online Fundamentals of Predictive Text Mining (Texts in Computer Science) by Sholom M. Weiss, Nitin Indurkhya, Tong Zhang ebook PDF download

Fundamentals of Predictive Text Mining (Texts in Computer Science) by Sholom M. Weiss, Nitin Indurkhya, Tong Zhang Doc

Fundamentals of Predictive Text Mining (Texts in Computer Science) by Sholom M. Weiss, Nitin Indurkhya, Tong Zhang Mobipocket

Fundamentals of Predictive Text Mining (Texts in Computer Science) by Sholom M. Weiss, Nitin Indurkhya, Tong Zhang EPub