



# Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining)

By Roger Bilisoly



## Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly

**Provides readers with the methods, algorithms, and means to perform text mining tasks**

This book is devoted to the fundamentals of text mining using Perl, an open-source programming tool that is freely available via the Internet ([www.perl.org](http://www.perl.org)). It covers mining ideas from several perspectives--statistics, data mining, linguistics, and information retrieval--and provides readers with the means to successfully complete text mining tasks on their own.

The book begins with an introduction to regular expressions, a text pattern methodology, and quantitative text summaries, all of which are fundamental tools of analyzing text. Then, it builds upon this foundation to explore:

- Probability and texts, including the bag-of-words model
- Information retrieval techniques such as the TF-IDF similarity measure
- Concordance lines and corpus linguistics
- Multivariate techniques such as correlation, principal components analysis, and clustering
- Perl modules, German, and permutation tests

Each chapter is devoted to a single key topic, and the author carefully and thoughtfully introduces mathematical concepts as they arise, allowing readers to learn as they go without having to refer to additional books. The inclusion of numerous exercises and worked-out examples further complements the book's student-friendly format.

*Practical Text Mining with Perl* is ideal as a textbook for undergraduate and graduate courses in text mining and as a reference for a variety of professionals who are interested in extracting information from text documents.



[Download Practical Text Mining with Perl \(Wiley Series on M ...pdf](#)

 [Read Online Practical Text Mining with Perl \(Wiley Series on ...pdf](#)

# Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining)

By Roger Bilisoly

**Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining)** By Roger Bilisoly

**Provides readers with the methods, algorithms, and means to perform text mining tasks**

This book is devoted to the fundamentals of text mining using Perl, an open-source programming tool that is freely available via the Internet ([www.perl.org](http://www.perl.org)). It covers mining ideas from several perspectives--statistics, data mining, linguistics, and information retrieval--and provides readers with the means to successfully complete text mining tasks on their own.

The book begins with an introduction to regular expressions, a text pattern methodology, and quantitative text summaries, all of which are fundamental tools of analyzing text. Then, it builds upon this foundation to explore:

- Probability and texts, including the bag-of-words model
- Information retrieval techniques such as the TF-IDF similarity measure
- Concordance lines and corpus linguistics
- Multivariate techniques such as correlation, principal components analysis, and clustering
- Perl modules, German, and permutation tests

Each chapter is devoted to a single key topic, and the author carefully and thoughtfully introduces mathematical concepts as they arise, allowing readers to learn as they go without having to refer to additional books. The inclusion of numerous exercises and worked-out examples further complements the book's student-friendly format.

*Practical Text Mining with Perl* is ideal as a textbook for undergraduate and graduate courses in text mining and as a reference for a variety of professionals who are interested in extracting information from text documents.

**Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly Bibliography**

- Sales Rank: #1788384 in eBooks
- Published on: 2011-09-21
- Released on: 2011-09-21
- Format: Kindle eBook



[Download Practical Text Mining with Perl \(Wiley Series on M ...pdf](#)



[Read Online Practical Text Mining with Perl \(Wiley Series on ...pdf](#)

## Download and Read Free Online Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly

---

### Editorial Review

#### Review

"*Practical Text Mining with Perl* is an excellent book for readers at a variety of different programming skill levels ... Bilisoly's book would serve as a good text for an introductory text mining course, and could be supplemented with lecture notes for Web mining or data mining courses." (*Journal of Statistical Software*, January 2009)

#### From the Back Cover

#### **Provides readers with the methods, algorithms, and means to perform text mining tasks**

This book is devoted to the fundamentals of text mining using Perl, an open-source programming tool that is freely available via the Internet ([www.perl.org](http://www.perl.org)). It covers mining ideas from several perspectives—statistics, data mining, linguistics, and information retrieval—and provides readers with the means to successfully complete text mining tasks on their own.

The book begins with an introduction to regular expressions, a text pattern methodology, and quantitative text summaries, all of which are fundamental tools of analyzing text. Then, it builds upon this foundation to explore:

- Probability and texts, including the bag-of-words model
- Information retrieval techniques such as the TF-IDF similarity measure
- Concordance lines and corpus linguistics
- Multivariate techniques such as correlation, principal components analysis, and clustering
- Perl modules, German, and permutation tests

Each chapter is devoted to a single key topic, and the author carefully and thoughtfully introduces mathematical concepts as they arise, allowing readers to learn as they go without having to refer to additional books. The inclusion of numerous exercises and worked-out examples further complements the book's student-friendly format.

*Practical Text Mining with Perl* is ideal as a textbook for undergraduate and graduate courses in text mining and as a reference for a variety of professionals who are interested in extracting information from text documents.

#### About the Author

**Roger Bilisoly**, PhD, is an Assistant Professor of Statistics at Central Connecticut State University, where he developed and teaches a new graduate-level course in text mining for the school's data mining program.

### Users Review

#### From reader reviews:

#### **Mary Gines:**

In this 21st one hundred year, people become competitive in every single way. By being competitive right

now, people have do something to make these individuals survives, being in the middle of the actual crowded place and notice through surrounding. One thing that sometimes many people have underestimated it for a while is reading. That's why, by reading a e-book your ability to survive raise then having chance to stay than other is high. For you who want to start reading some sort of book, we give you this particular Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) book as basic and daily reading publication. Why, because this book is greater than just a book.

### **Keri Yokum:**

Do you one among people who can't read enjoyable if the sentence chained from the straightway, hold on guys this kind of aren't like that. This Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) book is readable simply by you who hate the straight word style. You will find the data here are arrange for enjoyable looking at experience without leaving perhaps decrease the knowledge that want to offer to you. The writer associated with Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) content conveys thinking easily to understand by lots of people. The printed and e-book are not different in the content material but it just different as it. So , do you still thinking Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) is not loveable to be your top listing reading book?

### **Jessica Jackson:**

The book untitled Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) contain a lot of information on the idea. The writer explains your girlfriend idea with easy approach. The language is very easy to understand all the people, so do not worry, you can easy to read the idea. The book was authored by famous author. The author will bring you in the new time of literary works. It is possible to read this book because you can read on your smart phone, or gadget, so you can read the book within anywhere and anytime. If you want to buy the e-book, you can open up their official web-site along with order it. Have a nice learn.

### **Tabitha Devore:**

Is it you actually who having spare time then spend it whole day through watching television programs or just lying on the bed? Do you need something new? This Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) can be the answer, oh how comes? The new book you know. You are consequently out of date, spending your extra time by reading in this completely new era is common not a nerd activity. So what these publications have than the others?

## **Download and Read Online Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger**

**Bilisoly #YXI7HQS93ZU**

# **Read Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly for online ebook**

Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly 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 Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly books to read online.

## **Online Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly ebook PDF download**

**Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly Doc**

**Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly MobiPocket**

**Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly EPub**

**YXI7HQS93ZU: Practical Text Mining with Perl (Wiley Series on Methods and Applications in Data Mining) By Roger Bilisoly**