



Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)

By Brian D. Bissett

Download now

Read Online ➔

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett

Because the analysis of copious amounts of data and the preparation of custom reports often take away time from true research, the automation of these processes is paramount to ensure productivity. Exploring the core areas of automation, report generation, data acquisition, and data analysis, Automated Data Analysis Using Excel illustrates how to minimize user intervention, automate parameter setup, obtain consistency in both analysis and reporting, and save time through automation.

Focusing on the built-in Visual Basic® for Applications (VBA) scripting language of Excel®, the book shows step-by-step how to construct useful automated data analysis applications for both industrial and academic settings. It begins by discussing fundamental elements, the methods for importing and accessing data, and the creation of reports. The author then describes how to use Excel to obtain data from non-native sources, such as databases and third-party calculation tools. After providing the means to access any required information, the book explains how to automate manipulations and calculations on the acquired data sources. Collecting all of the concepts previously discussed in the book, the final chapter demonstrates from beginning to end how to create a cohesive, robust application.

With an understanding of this book, readers should be able to construct applications that can import data from a variety of sources, apply algorithms to data that has been imported, and create meaningful reports based on the results.

 [Download Automated Data Analysis Using Excel \(Chapman & Hal
...pdf](#)

 [Read Online Automated Data Analysis Using Excel \(Chapman & H
...pdf](#)

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)

By Brian D. Bissett

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett

Because the analysis of copious amounts of data and the preparation of custom reports often take away time from true research, the automation of these processes is paramount to ensure productivity. Exploring the core areas of automation, report generation, data acquisition, and data analysis, Automated Data Analysis Using Excel illustrates how to minimize user intervention, automate parameter setup, obtain consistency in both analysis and reporting, and save time through automation.

Focusing on the built-in Visual Basic® for Applications (VBA) scripting language of Excel®, the book shows step-by-step how to construct useful automated data analysis applications for both industrial and academic settings. It begins by discussing fundamental elements, the methods for importing and accessing data, and the creation of reports. The author then describes how to use Excel to obtain data from non-native sources, such as databases and third-party calculation tools. After providing the means to access any required information, the book explains how to automate manipulations and calculations on the acquired data sources. Collecting all of the concepts previously discussed in the book, the final chapter demonstrates from beginning to end how to create a cohesive, robust application.

With an understanding of this book, readers should be able to construct applications that can import data from a variety of sources, apply algorithms to data that has been imported, and create meaningful reports based on the results.

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett Bibliography

- Sales Rank: #3872430 in Books
- Published on: 2007-06-15
- Original language: English
- Number of items: 1
- Dimensions: 9.75" h x 7.00" w x 1.00" l, 1.82 pounds
- Binding: Paperback
- 480 pages

 [Download Automated Data Analysis Using Excel \(Chapman & Hal ...pdf](#)

 [Read Online Automated Data Analysis Using Excel \(Chapman & H ...pdf](#)

Editorial Review

Review

... this book shows the reader, in a step-by-step fashion, how to construct a useful automated data analysis application that is useful in both industrial and academic types of sets. Using this book, the reader should be able to construct applications that can import data from various sources, apply algorithms to data that have been imported, and create meaningful reports based on the results. The book could be used as a reference by researchers, engineers, and graduate students who use Excel to handle their data sets.

?*Technometrics*, February 2010, Vol. 52, No. 1

Automated Data Analysis Using Excel explains how to conduct and automate a wide range of data and analysis tasks using VBA. It includes a CD-ROM with data examples and code that is very useful, especially to the new programmer ... Overall, I consider this a very useful reference for the ambitious programmer wishing to fully harness the power of Excel.

?Madhumita (Bonnie) Ghosh-Dastidar, The RAND Corporation, *The American Statistician*, May 2009, Vol. 63, No. 2

About the Author

Pfizer Global Research and Development, Groton, Connecticut,

Users Review

From reader reviews:

Wesley Powell:

Now a day folks who Living in the era everywhere everything reachable by interact with the internet and the resources included can be true or not involve people to be aware of each info they get. How a lot more to be smart in receiving any information nowadays? Of course the reply is reading a book. Examining a book can help persons out of this uncertainty Information specifically this Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) book since this book offers you rich information and knowledge. Of course the data in this book hundred per cent guarantees there is no doubt in it you probably know this.

Robert Hatch:

The event that you get from Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) may be the more deep you digging the information that hide within the words the more you get enthusiastic about reading it. It does not mean that this book is hard to comprehend but Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) giving you buzz feeling of reading. The writer conveys their point in certain way that can be understood by anyone who read this because the author of this reserve is well-known enough. This book also makes your own personal vocabulary increase well. It is therefore easy to understand then can go along with

you, both in printed or e-book style are available. We highly recommend you for having this kind of Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) instantly.

Patty Scheuerman:

Reading a book can be one of a lot of exercise that everyone in the world likes. Do you like reading book therefore. There are a lot of reasons why people fantastic. First reading a guide will give you a lot of new facts. When you read a publication you will get new information since book is one of many ways to share the information or maybe their idea. Second, reading a book will make you more imaginative. When you reading through a book especially fictional book the author will bring someone to imagine the story how the people do it anything. Third, you could share your knowledge to other folks. When you read this Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series), you can tells your family, friends as well as soon about yours e-book. Your knowledge can inspire different ones, make them reading a publication.

Joseph Mesta:

Are you kind of active person, only have 10 as well as 15 minute in your time to upgrading your mind skill or thinking skill possibly analytical thinking? Then you are experiencing problem with the book than can satisfy your short time to read it because this all time you only find reserve that need more time to be study. Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) can be your answer as it can be read by an individual who have those short free time problems.

Download and Read Online Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett #1C7AUWIORYZ

Read Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett for online ebook

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett 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 Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett books to read online.

Online Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett ebook PDF download

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett Doc

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett Mobipocket

Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett EPub

1C7AUWIORYZ: Automated Data Analysis Using Excel (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) By Brian D. Bissett