



Minitab Cookbook

By Isaac Newton

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With over 110 practical recipes, this is the ideal book for all statisticians who want to explore the vast capabilities of Minitab to organize data, analyze it, and visualize it with impactful graphs.

About This Book

- Gain an in-depth understanding of data formatting in Minitab
- Understand the steps required to generate great results with tools like regression, ANOVA, and multivariate statistics
- Useful and practical recipes that cover examples from a broad range of topics in Minitab

Who This Book Is For

This book is great for anyone who is familiar with statistics and who wants to learn how Minitab works. Whilst you do not need to be an expert in all areas of statistics, you should understand the basics of the chapters you are interested in.

What You Will Learn

- Import data successfully into Minitab from Excel
- Explore the options for generating amazing charts
- Investigate differences between samples with inferential statistics
- Find the significant relationships in data by analyzing variance and using regression
- Work with control charts to view process variation
- Learn about Capability Analysis in Minitab for both normal and non normal data
- Find trends and seasonality in your data
- Apply Multivariate statistics to observe patterns and relationships across many variables
- Automate tasks using the Minitab Macro language
- Use Gage studies and MSA's to investigate measurement systems

In Detail

Minitab has been a statistical package of choice across all numerous sectors of industry including education and finance. Correctly using Minitab's statistical tools is an essential part of good decision making and allows you to achieve your targeted results, while displaying fantastic charts and a powerful analysis will also communicate your results more effectively.

"Minitab Cookbook" will take the mystery out of using Minitab and will simplify the steps to produce great results. This book will be hugely beneficial for anyone who knows what statistics or studies they want to run, but who is unsure about just what button to press or what option to select.

In this book, you will learn how to use data from different sources and will be guided through the basics of graphs as well as the basics of hypothesis tests. You will explore the use of non-linear regression, how to construct complex ANOVAs, and even delve into Multivariate statistics.

"Minitab Cookbook" is a great reference on how to create graphs, generate P-values, and how to put data in order. You will explore the basics of charts as well as into the complex depths of Factor analysis, and you will learn everything from the simplest of t-tests to the complexity of mixed model ANOVA. And finally, for all of you who want to write Macros, this book covers the use of Execs, Global, and Local Macros.

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Minitab Cookbook By Isaac Newton Bibliography

- Sales Rank: #1271731 in Books
- Published on: 2014-02-21
- Released on: 2014-02-21
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .77" w x 7.50" l, 1.28 pounds
- Binding: Paperback
- 338 pages

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Editorial Review

About the Author

Isaac Newton

It was probably inevitable that, after being gifted with the name Isaac, he discovered he was really good at mathematics and science. Isaac Newton studied physics at Leicester University and is one of the few people to have an MPhys in Space Science and Engineering. MPhys degrees later changed to MSci after only two years. Yes, he has heard the joke or comment you are just thinking about. After a short stint of postgraduate studies at Birmingham University, he joined Minitab in 1999, where he has been helping the users of Minitab and taking training courses ever since. Apart from introducing Minitab courses and the basic statistical tools, he has the pleasure of teaching reliability statistics, design of experiments, macro writing, and time series, among other subjects. Recently, he was extensively involved in mentoring others in their own projects and assisting them on getting the most out of their data.

Users Review

From reader reviews:

Desmond Gorman:

Book is to be different for each and every grade. Book for children right up until adult are different content. As it is known to us that book is very important normally. The book Minitab Cookbook has been making you to know about other know-how and of course you can take more information. It is very advantages for you. The reserve Minitab Cookbook is not only giving you far more new information but also for being your friend when you truly feel bored. You can spend your own spend time to read your reserve. Try to make relationship together with the book Minitab Cookbook. You never feel lose out for everything in case you read some books.

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