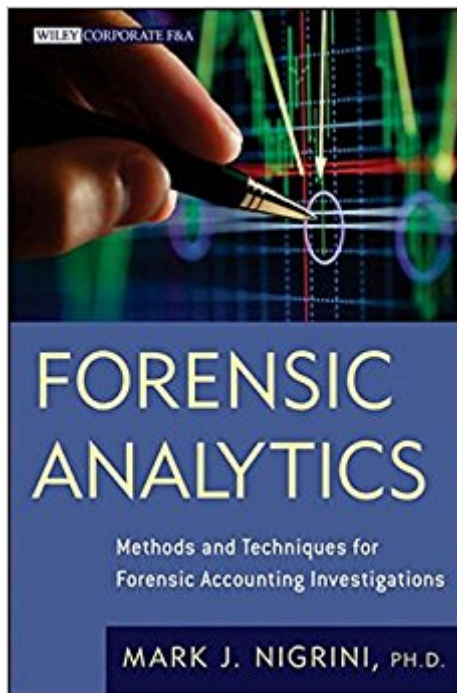




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Forensic Analytics: Methods And Techniques For Forensic Accounting Investigations



Synopsis

Discover how to detect fraud, biases, or errors in your data using Access or Excel With over 300 images, Forensic Analytics reviews and shows how twenty substantive and rigorous tests can be used to detect fraud, errors, estimates, or biases in your data. For each test, the original data is shown with the steps needed to get to the final result. The tests range from high-level data overviews to assess the reasonableness of data, to highly focused tests that give small samples of highly suspicious transactions. These tests are relevant to your organization, whether small or large, for profit, nonprofit, or government-related. Demonstrates how to use Access, Excel, and PowerPoint in a forensic setting Explores use of statistical techniques such as Benford's Law, descriptive statistics, correlation, and time-series analysis to detect fraud and errors Discusses the detection of financial statement fraud using various statistical approaches Explains how to score locations, agents, customers, or employees for fraud risk Shows you how to become the data analytics expert in your organization Forensic Analytics shows how you can use Microsoft Access and Excel as your primary data interrogation tools to find exceptional, irregular, and anomalous records.

Book Information

Hardcover: 480 pages

Publisher: Wiley; 1 edition (June 7, 2011)

Language: English

ISBN-10: 0470890460

ISBN-13: 978-0470890462

Product Dimensions: 7.3 x 1.5 x 10.3 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars 25 customer reviews

Best Sellers Rank: #130,939 in Books (See Top 100 in Books) #49 in Books > Business & Money > Accounting > Auditing #67 in Books > Medical Books > Psychology > Forensic Psychology #111 in Books > Law > Criminal Law > Forensic Science

Customer Reviews

"Golden, a recognized, practice management advisor and marketing specialist I social media use and strategy, particularly in the Certified Public Accountant field, has written an accessible, comprehensive guidebook to social media for professionals and their firms with an emphasis on the accounting and legal industries. She sets forth a one-stop, reference handbook that can be read

from cover-to-cover or by chapter, as needed." (Security Management)

Forensic Analytics Methods and Techniques for Forensic Accounting Investigations Forensic analytics is the use of electronic data to reconstruct or detect financial fraud. The process of forensic analytics is made up of data collection and preparation, data analysis, and the preparation of a fraud report and the possible presentation of the results. In *Forensic Analytics: Methods and Techniques for Forensic Accounting Investigations*, author Mark Nigrini reviews the use of Microsoft Access and Excel in a forensic setting, together with many rigorous analytical procedures to detect employee fraud, biases, and other irregularities including errors. The book includes a comprehensive chapter on financial statement fraud, and the concluding chapter on credit/debit purchasing card fraud shows an authentic dashboard used by a Fortune 100 company. Nigrini devotes three chapters to a review of the use of Access, Excel, and PowerPoint in a forensic setting. The next eleven chapters discuss data interrogation tests that could be used in a forensic setting to detect employee fraud, biases, and errors. In each chapter, the tests are discussed in general terms and are then demonstrated using case studies with real data. In addition, the steps needed to run the tests are illustrated with screenshots from Access and Excel. Two chapters review, with examples, a risk-scoring technique that can be used to score divisions, agents, or locations for fraud risk. A full chapter presents various tests, along with real-world examples and case studies, to detect financial statement fraud. The concluding chapter is a case study showing an analysis of purchasing card data using selected tests from the prior chapters, and a presentation of the findings. The companion website (www.nigrini.com/ForensicAnalytics.htm) has all the data tables used in the book, available for download. Along with notes and updates related to the book, the website also includes end-of-chapter problems and assignments for use by instructors, together with PowerPoint slides for presentations.

I regard Dr. Mark Nigrini as thought leader in the field of forensic accounting and his use of Benford's Law is nothing short of true genius. In addition to showing us how to apply it to accounting data sets and how to interpret the results, this book covers eight high level data analyses that can be used in any forensic audit, including screen by screen shots of the tests in Excel and Access. The benefits that can be derived from following the Nigrini cycle will leave your head spinning with possibilities. If you're a forensic auditor, you have to read this book.

I worked as an auditor for state government for 24 years and issues such as the comprehensive

single audit and healthcare fraud were important in my life. In my career I was convinced that using random samples and then basing an audit conclusion on that sample was not the way to go. I believed we should be looking at the patterns in the data and then take it from there. Forensic Analytics is turning out to be an excellent resource in my new position. I've understood most of what is covered even though some sections (like the mantissa arc test) needed to be read more than once. I even lent my book out to a colleague who works exclusively in healthcare auditing. Nigrini does a good job showing some tips and techniques to Access, Excel, and PowerPoint. He then moves from the high-level tests, including Benford's Law, to the focused forensic tests. The final chapter brought it all together with an example related to purchasing card fraud and a summary of the coverage. The companion website has data and templates related to the examples in the book. It seems the author has also prepared end-of-chapter materials (questions and cases) and PowerPoint slides so that the book can be used in a forensic accounting college course. A friend informed me that Nigrini gave a great presentation at the 2012 ACFE conference in Orlando. Be sure to attend his session if he's speaking at a conference that you are attending. Nigrini has a facebook page "Forensic Analytics by Mark Nigrini". I picked up a few tips related to the book.

Nigrini explains a multitude of tests that can be applied to virtually any batch of financial data. These tests help to find fraud, errors, bias, and inconsistencies within the data. This book will not only boost your knowledge and ability to evaluate data at a forensic level, but it will also boost your knowledge in Microsoft Access and Excel (as well as a number of other software applications). I strongly recommend this book for those who are interested in applying their accounting knowledge in an analytical setting.

I took a class on forensic analytics with Mark Nigrini. It was an excellent course taught with an excellent book. The book is very helpful and easy to follow. If you do anything that you need to break down data, this is the book for you. I recommend it wholeheartedly.

Easy to follow, great information.

He even has a web link so you can practice what he is showing you with excel sheets. If you can get it used, great, if not, and this interests you, it might be worth spending the money for new. He also has another book out which also looks interesting which focuses on Benford's law.

useful

Use it for work and to refresh some areas

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