A practical guide to data mining using SQL and Excel

*Data Analysis Using SQL and Excel, 2nd Edition* shows you how to leverage the two most popular tools for data query and analysis—SQL and Excel—to perform sophisticated data analysis without the need for complex and expensive data mining tools. Written by a leading expert on business data mining, this book shows you how to extract useful business information from relational databases. You'll learn the fundamental techniques before moving into the "where" and "why" of each analysis, and then learn how to design and perform these analyses using SQL and Excel. Examples include SQL and Excel code, and the appendix shows how non-standard constructs are implemented in other major databases, including Oracle and IBM DB2/UDB. The companion website includes datasets and Excel spreadsheets, and the book provides hints, warnings, and technical asides to help you every step of the way.

*Data Analysis Using SQL and Excel, 2nd Edition* shows you how to perform a wide range of sophisticated analyses using these simple tools, sparing you the significant expense of proprietary data mining tools like SAS.

- Understand core analytic techniques that work with SQL and Excel
- Ensure your analytic approach gets you the results you need
- Design and perform your analysis using SQL and Excel

*Data Analysis Using SQL and Excel, 2nd Edition* shows you how to best use the tools you already know to achieve expert results.
GORDON S. LINOFF has been working with databases for more decades than he cares to admit. He started learning about SQL by memorizing the SQL 92 standard while leading a development team (at the now-defunct Thinking Machines Corporation) writing the first high-performance database focused on the complex queries needed for decision support.

After that endeavor, Gordon co-founded Data Miners in 1998, a consulting practice devoted to data mining, analytics, and big data. A constant theme in his work is data—and often data in relational databases. His SQL skills have only gotten stronger over the years. In 2014, he was the top contributor to Stack Overflow, the leading question-and-answer-site for technical questions.

His other books include the bestselling *Data Mining Techniques, Third Edition; Mastering Data Mining;* and *Mining the Web* which focus on data mining and analysis. This book follows on the popularity of the first edition, with a practical focus on how to actually get and interpret results.

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