

# Brief Table of Contents

Preface iv

About the Authors vi

Acknowledgments vii

Key Features viii

Main Text Features ix

End-of-Chapter Materials x

*Data Analytics for Accounting* Content Updates xiii

*Connect for Data Analytics for Accounting* xvi

|            |                                                                               |     |
|------------|-------------------------------------------------------------------------------|-----|
| Chapter 1  | Data Analytics for Accounting and Identifying the Questions                   | 1   |
| Chapter 2  | Mastering the Data                                                            | 54  |
| Chapter 3  | Performing the Test Plan and Analyzing the Results                            | 114 |
| Chapter 4  | Communicating Results and Visualizations                                      | 183 |
| Chapter 5  | The Modern Accounting Environment                                             | 243 |
| Chapter 6  | Audit Data Analytics                                                          | 282 |
| Chapter 7  | Managerial Analytics                                                          | 333 |
| Chapter 8  | Financial Statement Analytics                                                 | 401 |
| Chapter 9  | Tax Analytics                                                                 | 451 |
| Chapter 10 | Project Chapter (Basic)                                                       | 499 |
| Chapter 11 | Project Chapter (Advanced): Analyzing Dillard's Data to Predict Sales Returns | 506 |
| Appendix A | Basic Statistics Tutorial                                                     | A-1 |
| Appendix B | Excel (Formatting, Sorting, Filtering, and PivotTables)                       | B   |
| Appendix C | Accessing the Excel Data Analysis ToolPak                                     | C   |
| Appendix D | SQL Part 1                                                                    | D   |
| Appendix E | SQL Part 2                                                                    | E-1 |
| Appendix F | Power Query in Excel and Power BI                                             | F   |
| Appendix G | Power BI Desktop                                                              | G-1 |
| Appendix H | Tableau Prep Builder                                                          | H   |
| Appendix I | Tableau Desktop                                                               | I   |
| Appendix J | Alteryx                                                                       | J-1 |
| Appendix K | Data Dictionaries                                                             | K   |

**GLOSSARY** G

**INDEX** I-1