

Brief Contents

Preface 19

About the Authors 25

- Chapter 1** An Overview of Business Intelligence, Analytics, and Data Science 29
- Chapter 2** Descriptive Analytics I: Nature of Data, Statistical Modeling, and Visualization 79
- Chapter 3** Descriptive Analytics II: Business Intelligence and Data Warehousing 153
- Chapter 4** Predictive Analytics I: Data Mining Process, Methods, and Algorithms 215
- Chapter 5** Predictive Analytics II: Text, Web, and Social Media Analytics 273
- Chapter 6** Prescriptive Analytics: Optimization and Simulation 345
- Chapter 7** Big Data Concepts and Tools 395
- Chapter 8** Future Trends, Privacy and Managerial Considerations in Analytics 443

Glossary 493

Index 501