Table of Contents

Foreword by Arvind Krishna xiii

Foreword by Michael Schroeck xiv

Introduction by Steve Adler 1

Chapter 1 – Introduction to Data Governance 3

Chapter 2 – The IBM Data Governance Unified Process 7

Chapter 3 – Step 1: Define the Business Problem 15

Chapter 4 – Step 2: Obtain Executive Sponsorship 23

Chapter 5 – Step 3: Conduct the Maturity Assessment 29

Chapter 6 – Step 4: Build a Roadmap 37

Chapter 7 – Step 5: Establish the Organizational Blueprint 41

Chapter 8 – Step 6: Build a Data Dictionary 47

Chapter 9 – Step 7: Understand the Data 55

Chapter 10 – Step 8: Create a Metadata Repository 63

Chapter 11 – Step 9: Define Metrics 69

Chapter 12 – Step 10.1: Appoint Data Stewards 75

Chapter 13 – Step 10.2: Manage Data Quality 81

Chapter 14 – Step 10.3: Implement Master Data Management 87

Chapter 15 – Step 11: Govern Analytics 99

Chapter 16 – Step 12: Manage Security and Privacy 105

Chapter 17 – Step 13: Govern Lifecycle of Information 117

Chapter 18 – Step 14: Measure Results 125

Appendix A – Steps and Sub-Steps Within the IBM Data Governance Unified Process 127

Appendix B – Sample Data Governance Charter (for a Manufacturing Company) 133

Appendix C – Sample Job Description (for a Data Governance Officer) 137

Appendix D – Sample Data Governance Maturity Assessment Questionnaire 139

Appendix E – Sample Data Governance Declarations 147