Contents

	Acknowledgments	vii
	About the Authors	ix
	Introduction	xi
PART I	A STRONG FOUNDATION	
Chapter 1	Data Visualization: A Primer	2
PART II	THE SCENARIOS	
Chapter 2	Course Metrics Dashboard	38
Chapter 3	Comparing Individual Performance with Peers	48
Chapter 4	What-If Analysis: Wage Increase Ramifications	62
Chapter 5	Executive Sales Dashboard	70
Chapter 6	Ranking by Now, Comparing with Then	80
Chapter 7	Are We on Pace to Reach Our Goals?	92
Chapter 8	Multiple Key Performance Metrics	98
Chapter 9	Power Plant Operations Monitoring	106
Chapter 10	Showing Year-to-Date and Year-over-Year at the Same Time	118
Chapter 11	Premier League Player Performance Metrics	130
Chapter 12	RBS 6 Nations Championship Match Performance Analysis	138
Chapter 13	Web Analytics	146
Chapter 14	Patient History Analysis of Recent Hospital Admissions	156

Chapter 15	Hospitality Dashboard for Hotel Management	164
Chapter 16	Sentiment Analysis: Showing Overall Distribution	174
Chapter 17	Showing Sentiment with Net Promoter Score	186
Chapter 18	Server Process Monitoring	202
Chapter 19	Big Mac Index	210
Chapter 20	Complaints Dashboard	224
Chapter 21	Hospital Operating Room Utilization	236
Chapter 22	Showing Rank and Magnitude	246
Chapter 23	Measuring Claims across Multiple Measures and Dimensions	258
Chapter 24	Showing Churn or Turnover	268
Chapter 25	Showing Actual versus Potential Utilization	282
Chapter 26	Health Care Provider Productivity Monitoring	294
Chapter 27	Telecom Operator Executive Dashboard	306
Chapter 28	Economy at a Glance	316
Chapter 29	Call Center	328
PART III	SUCCEEDING IN THE REAL WORLD	
Chapter 30	Want to Engage People? Make Your Dashboards Personal	338
Chapter 31	Visualizing Time	352
Chapter 32	Beware the Dead-End Dashboard	382
Chapter 33	The Allure of Red and Green	390
Chapter 34	The Allure of Pies and Donuts	396
Chapter 35	Clouds and Bubbles	404
Chapter 36	A Journey into the Unknown	410
	Glossary	419
	Bibliography	423
	Index	425