CONTENTS

Preface		ix
INTRODUCTION	Mind over Data	1
CHAPTER 1	The Ladder of Causation	23
CHAPTER 2	From Buccaneers to Guinea Pigs: The Genesis of Causal Inference	53
CHAPTER 3	From Evidence to Causes: Reverend Bayes Meets Mr. Holmes	93
CHAPTER 4	Confounding and Deconfounding: Or, Slaying the Lurking Variable	135
CHAPTER 5	The Smoke-Filled Debate: Clearing the Air	167
CHAPTER 6	Paradoxes Galore!	189
CHAPTER 7	Beyond Adjustment: The Conquest of Mount Intervention	219
CHAPTER 8	Counterfactuals: Mining Worlds That Could Have Been	259
CHAPTER 9	Mediation: The Search for a Mechanism	299
CHAPTER 10	Big Data, Artificial Intelligence, and the Big Questions	349
Acknowledgments		371
Notes		373
Bibliography	Many the Cities in Section 2. The Section 2.	377
Index		405