



Statistical Analysis with Excel[®]

for
dummies[®]
A Wiley Brand

4th edition

by Joseph Schmuller, PhD

for
dummies[®]
A Wiley Brand

Contents at a Glance

Introduction	1
Part 1: Getting Started with Statistical Analysis with Excel: A Marriage Made in Heaven	7
CHAPTER 1: Evaluating Data in the Real World	9
CHAPTER 2: Understanding Excel's Statistical Capabilities	31
Part 2: Describing Data	61
CHAPTER 3: Show and Tell: Graphing Data	63
CHAPTER 4: Finding Your Center	101
CHAPTER 5: Deviating from the Average	117
CHAPTER 6: Meeting Standards and Standings	135
CHAPTER 7: Summarizing It All	151
CHAPTER 8: What's Normal?	171
Part 3: Drawing Conclusions from Data	183
CHAPTER 9: The Confidence Game: Estimation	185
CHAPTER 10: One-Sample Hypothesis Testing	199
CHAPTER 11: Two-Sample Hypothesis Testing	217
CHAPTER 12: Testing More Than Two Samples	249
CHAPTER 13: Slightly More Complicated Testing	275
CHAPTER 14: Regression: Linear and Multiple	295
CHAPTER 15: Correlation: The Rise and Fall of Relationships	331
CHAPTER 16: It's About Time	351
CHAPTER 17: Non-Parametric Statistics	363
Part 4: Probability	377
CHAPTER 18: Introducing Probability	379
CHAPTER 19: More on Probability	403
CHAPTER 20: A Career in Modeling	417