The field of statistics has vastly changed in the last 20 years. This book acknowledges this and provides an introductory course for students not from statistical or mathematical backgrounds to learn statistics. The approach taken is to use simulation and/or resampling to obtain indications of hypothesis strength rather than the formulaic approach typically taught. Intuitive Introductory Statistics (Springer Texts in Statistics) 1st ed. 2017 Edition. This textbook is designed to give an engaging introduction to statistics and the art of data analysis. The unique scope includes, but also goes beyond, classical methodology associated with the normal distribution. What if the normal model is not valid for a particular data set? This cutting-edge approach provides the alternatives. This book's novel scope also includes measuring symmetry with Walsh averages, finding a nonparametric regression line, jackknifing, and bootstrapping. Concepts and techniques are explored through practical problems. Quantitative reasoning is at the core of so many professions and academic disciplines, and this book opens the door to the most modern possibilities. Pick up any statistics and probability book from a university and there is a high chance it is somewhere around 500 pages, if not more. While that is significantly less than Head First Statistics, the university book most likely isn’t full of visual examples and visualizations in general. If someone took all the visualizations from this Head First Statistics, the total page number would reduce by half, if not more. Why is that important? If I were now to read a book on statistics with Python, which doesn’t cover the theory in-depth, I wouldn’t be confused due to solid background knowledge. And that’s really who this book is for: either for complete beginners, of for ones who’ve taken statistics courses before, but the teaching style was awful.