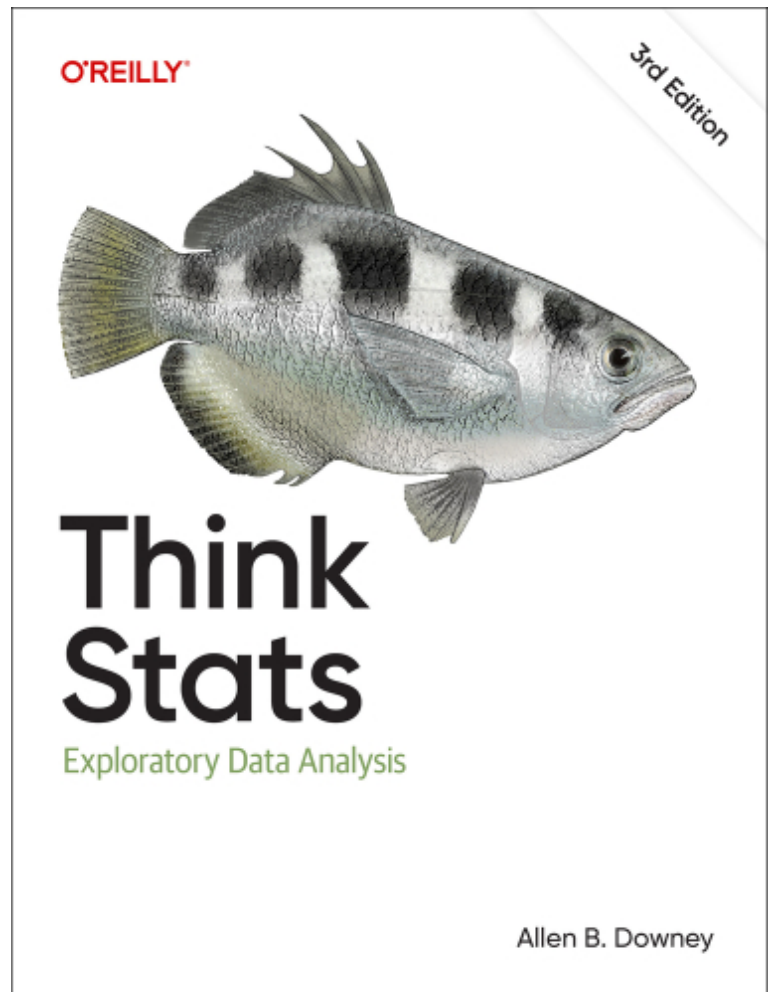# Think Stats, 3rd edition

Contents

Think Stats is an introduction to Probability and Statistics for Python programmers. If you have basic skills in Python, you can use them to learn concepts in probability and statistics and practical skills for working with data.

The third edition is available now from [Bookshop.org](#) and [Amazon](#) (those are affiliate links). If you are enjoying the free, online version, consider [buying me a coffee](#).

[Here is the landing page for the third edition at Green Tea Press](#).

- This book emphasizes simple techniques you can use to explore real datasets and answer questions that matter.
- It includes case studies using datasets from the National Institutes of Health and other sources.
- Many of the exercises use short programs to run experiments and help readers develop understanding.

This book is available under a Creative Commons license, which means that you are free to copy, distribute, and modify it, as long as you attribute the source and don't use it for commercial purposes.

The notebooks

Introduction to Jupyter:

- If you are not familiar with running Jupyter notebooks on Colab, you might want to [start with this introduction](#)

Chapter 1:

- [Click here to run Chapter 1 on Colab](#)

Chapter 2:

- [Click here to run Chapter 2 on Colab](#)

Chapter 3:

- [Click here to run Chapter 3 on Colab](#)

Chapter 4:

- [Click here to run Chapter 4 on Colab](#)

Chapter 5:

- [Click here to run Chapter 5 on Colab](#)

Chapter 6:

- [Click here to run Chapter 6 on Colab](#)

Chapter 7:

- [Click here to run Chapter 7 on Colab](#)

Chapter 8:

- [Click here to run Chapter 8 on Colab](#)

Chapter 9:

- [Click here to run Chapter 9 on Colab](#)

Chapter 10:

- [Click here to run Chapter 10 on Colab](#)

Chapter 11:

- [Click here to run Chapter 11 on Colab](#)

Chapter 12:

- [Click here to run Chapter 12 on Colab](#)

Chapter 13:

- [Click here to run Chapter 13 on Colab](#)

Chapter 14:

- [Click here to run Chapter 14 on Colab](#)