



Itertools in Python 3, By Example

by David Amos 22 Comments advanced python

[Tweet](#) [Share](#) [Email](#)

Table of Contents

- [What Is Itertools and Why Should You Use It?](#)
- [The grouper Recipe](#)
- [Et tu, Brute Force?](#)
 - [Section Recap](#)
- [Sequences of Numbers](#)
 - [Evens and Odds](#)
 - [Recurrence Relations](#)
 - [Section Recap](#)
- [Dealing a Deck of Cards](#)
 - [Section Recap](#)
- [Intermission: Flattening A List of Lists](#)
- [Analyzing the S&P500](#)
 - [Maximum Gain and Loss](#)
 - [Longest Growth Streak](#)
 - [Section Recap](#)
- [Building Relay Teams From Swimmer Data](#)
- [Where to Go From Here](#)



It has been called a “gem” and “pretty much the coolest thing missing out on one of the greatest corners of the Python 3

Improve Your Python