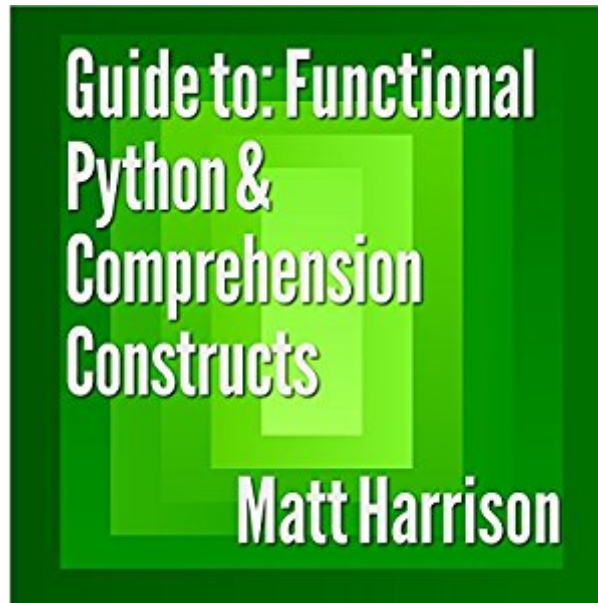# Guide To: Functional Python And Comprehension Constructs

Synopsis

Functional Programming and Comprehensions Functional programming is a somewhat hidden aspect of Python. Though it supports many of the functional constructs, the style is not widely adopted. On the flip side, functional programming appears to be making a resurgence because of the benefits it can provide. Comprehensions are an alternative Pythonic construct for programming in a similar manner. These are features of Python that are commonly used instead of their functional counterparts. This book covers: List comprehensions Generator expressions Set comprehensions Dict comprehensions Write Python code like the masters These constructs, while not necessary per se, allow you to be more succinct, reuse code, and think about code in a different way. You will learn: How the constructs work When to use them Real-life examples from the standard library To understand other' 'code This book covers many of these intermediate constructs that are available in Python. The book covers both Python 2 and 3. Topics include: Functional programming List comprehensions Generator expressions Set and dict comprehensions

Book Information

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Customer Reviews

Consider instead "Treading on Python Volume 2: Intermediate Python" which contains this booklet, along with two of Matt's other booklets.

This book is very specifically about functional programming with Python. It is not very long and it stays on topic. For me this is exactly what I was looking for and I found it very helpful. I also appreciate that the author kept it concise, I was able to digest it in an afternoon easily.This book is

good for intermediate Python programmers but I would be wary of recommending it to novices since it does not do much to set a foundation.

Let me explain - I don't exactly "hate it" but the price charges for it (8 dollars) is ridiculous! It has hardly 40 pages! and big font - you are getting at the most a dollar worth, not 8. Outrageous surcharge. NOT worth anything over 1 dollar!

If you starting with functional programming in python and need to understand the fundamentals, it's great to start.Short examples which explain the key points.

This book provides good coverage of functional programming under Python. Also covers gotchas associated with list comprensions. Well worth the money.

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