NumPy Beginner's Guide - Second Edition

Ivan Idris

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In Detail

NumPy is an extension to, and the fundamental package for scientific computing with Python. In today's world of science and technology, it is all about speed and flexibility. When it comes to scientific computing, NumPy is on the top of the list.

NumPy Beginner's Guide will teach you about NumPy, a leading scientific computing library. NumPy replaces a lot of the functionality of Matlab and Mathematica, but in contrast to those products, is free and open source.

Write readable, efficient, and fast code, which is as close to the language of mathematics as is currently possible with the cutting edge open source NumPy software library. Learn all the ins and outs of NumPy that requires you to know basic Python only. Save thousands of dollars on expensive software, while keeping all the flexibility and power of your favourite programming language.You will learn about installing and using NumPy and related concepts. At the end of the book we will explore some related scientific computing projects. This book will give you a solid foundation in NumPy arrays and universal functions. Through examples, you will also learn about plotting with Matplotlib and the related SciPy project. NumPy Beginner's Guide will help you be productive with NumPy and have you writing clean and fast code in no time at all.

Approach

The book is written in beginner's guide style with each aspect of NumPy demonstrated with real world examples and required screenshots.

Who this book is for

If you are a programmer, scientist, or engineer who has basic Python knowledge and would like to be able to do numerical computations with Python, this book is for you. No prior knowledge of NumPy is required.

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Octavio Martin:

As people who live in the particular modest era should be upgrade about what going on or data even knowledge to make all of them keep up with the era that is certainly always change and progress. Some of you maybe may update themselves by looking at books. It is a good choice in your case but the problems coming to anyone is you don't know which you should start with. This NumPy Beginner's Guide - Second Edition is our recommendation to make you keep up with the world. Why, because this book serves what you want and want in this era.

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Spent a free time for you to be fun activity to do! A lot of people spent their down time with their family, or all their friends. Usually they undertaking activity like watching television, about to beach, or picnic inside the park. They actually doing same thing every week. Do you feel it? Do you need to something different to fill your own personal free time/ holiday? Can be reading a book may be option to fill your totally free time/ holiday. The first thing that you'll ask may be what kinds of reserve that you should read. If you want to consider look for book, may be the e-book untitled NumPy Beginner's Guide - Second Edition can be very good book to read. May be it may be best activity to you.

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