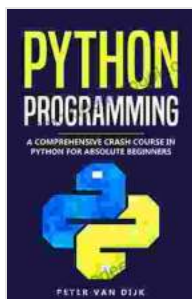


# Comprehensive Crash Course in Python Language for Absolute Beginners

Python is a high-level, interpreted, general-purpose programming language that is easy to learn and use. It is widely used for a variety of tasks, including web development, data analysis, and machine learning.

If you're a complete beginner to Python, this crash course will teach you everything you need to know to get started. We'll cover the basics of the language, including data types, variables, and control flow. We'll also take a look at some of the most common Python modules and libraries.



## Python Programming: A Comprehensive Crash Course in Python Language for Absolute Beginners by Peter Van Dijk

★★★★☆ 4.2 out of 5

Language	: English
File size	: 3759 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 182 pages
Lending	: Enabled



## Getting Started

To get started with Python, you'll need to install the Python interpreter on your computer. You can download the Python interpreter from the official Python website.

Once you've installed the Python interpreter, you can open a Python shell by typing `python` into your command prompt. The Python shell is a simple interactive environment where you can enter Python code and see the results immediately.

## Data Types

Python has a variety of data types, including:

- Integers (e.g., 1, 2, 3)
- Floats (e.g., 1.2, 3.4, 5.6)
- Strings (e.g., "Hello", "World", "Python")
- Lists (e.g., [1, 2, 3], ["Hello", "World", "Python"])
- Tuples (e.g., (1, 2, 3), ("Hello", "World", "Python"))
- Dictionaries (e.g., {"name": "John", "age": 30, "city": "New York"})

## Variables

Variables are used to store data in Python. You can create a variable by assigning it a value.

```
python name = "John" age = 30 city = "New York"
```

## Control Flow

Control flow statements allow you to control the execution of your Python code.

The most common control flow statements are:

- If statements
- For loops
- While loops

## If Statements

If statements are used to execute code only if a certain condition is met.

```
if age >= 18: print("You are an adult.")
```

## For Loops

For loops are used to iterate over a sequence of items.

```
for i in range(10): print(i)
```

## While Loops

While loops are used to execute code while a certain condition is met.

```
while age < 18: print("You are a minor.")
```

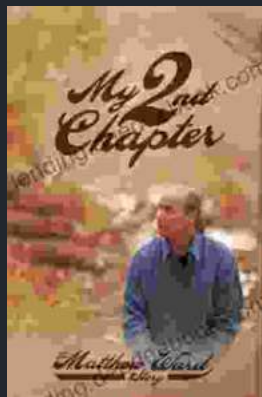
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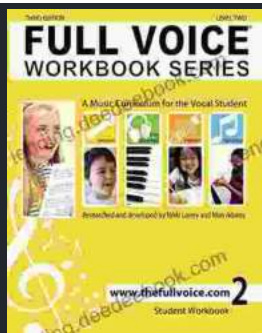
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