Python Data Science Handbook

Essential Tools for Working with Data

Stephen CUI

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Chapter 1

Understanding Data Types in Python

1.1 Fixed-Type Arrays in Python

Python offers several different options for storing data in efficient, fixed-type data buffers. The built-in array module (available since Python 3.3) can be used to create dense arrays of a uniform type.

While Python's array object provides efficient storage of array-based data, NumPy adds to this efficient operations on that data.

1.2 Creating Arrays from Python Lists