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## Why Is Python Useful for Data Science?

- **It's open source:** You are not locked into using a particular company's products.
- **It has a large community:** You can easily find answers to questions.
- **It's interpreted:** You can run code piece by piece without creating an executable file.
- **There is an abundance of third-party packages available:** Prewritten Python packages can be used for data science, video games, website back-ends, computer vision, and more.
- **It offers easy C integration:** Speed-critical routines can be written in the low-level language C and easily integrated.

