Learning AI from AI

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Why Python

What makes Python great?

- Dynamic language (no compiling)
- Interactive (Jupyter and Colab notebooks)
- Lots of packages
- Great community

Python is currently the most popular programming language.
Community

A large community means:

- Many of your questions are answered online.
- Great packages for many specialized problems.
- AI assistants have a large codebase to learn from.
Packages

- Python has 70 built-in functions.
- NumPy has around 600 functions.
- Scipy has around 6,000 functions.

How do we become proficient?

Find and synthesize information effectively rather than be proficient in using the packages and knowing the syntax.

Jacob Hale

The standard approach is to switch back and forth between your code and your browser with multiple tabs open.

→ There's a better way!
GitHub Copilot 🚀
Links for testing

- Introduction to Python
- Learning Machine Learning