c’t Python

Python enjoys great popularity among developers. The code is easy to read, easy to understand, short and at the same time more versatile than any other programming language. Python supports admins in fast automation with scripts as well as hobbyists in hardware-oriented programming on the Raspberry Pi. Fast web applications are created with the Django framework and all important frameworks for the development of neural networks also run with Python code.

The special issue of c’t Python lays the foundations for more demanding programming projects, explains in detail web development with Django and shows how language AIs work and how they can be used.

**Gettng started with Python projects**
- Installation and development environment
- Python scripts on Android
- Simple web pages with Flask
- Programming in the browser with Google Colab
- Porting RasPi programs to Pico

**Web development with Django**
- Server-side web programming
- Databases without SQL
- Programming messenger bot for project blog
- Run web applications in Docker containers

**Understanding and using speech AI**
- Apps and applications with GPT-3 & Co.
- How speech AIs work
- Using GPT-3 in your own programs
- Programming with AI support
- AI generates images from speech

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**DATES**

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