Virtual Environment Best Practices
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1. Always Use a Virtual Environment:
- Avoid conflicts between global and project-specific packages.

2. Name it 'venv':

- python -m venv venv
- Keeps the environment name consistent across projects.

3. Exclude from Git:

- Add 'venv/' to your .gitignore file.

4. Activate the Environment:

- Windows: venv\Scripts\activate

- Linux/macOS: source venv/bin/activate

5. Use requirements.txt:

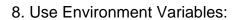
- Save dependencies: pip freeze > requirements.txt
- Install later with: pip install -r requirements.txt

6. Use One venv per Project:

- Keeps dependencies isolated and manageable.

7. Document Setup Steps:

- Leave setup instructions in a README or SETUP.md file.



- Store secrets in a .env file
- Use libraries like `python-dotenv` to load them