

1. Why is Django popular among web developers?

Django is popular because it is a high-level Python web framework that encourages rapid development and clean, pragmatic design. It comes with many built-in features like an admin panel, authentication system, and ORM, allowing developers to focus more on building apps rather than reinventing common components.

2. Five large companies using Django

Company	Product/Service	Use of Django
Instagram	Social Media Platform	Django handles backend services for user interactions
Pinterest	Image Sharing and Social Media	Django powers parts of its web backend
Mozilla	Web Browser (Firefox)	Uses Django for support sites and internal tools
Disqus	Blog Commenting System	Django is the foundation of the Disqus platform
NASA	Aerospace Research	Uses Django for internal applications and data management

3. Would you use Django? Why or Why Not

Scenario	Use Django?	Why or Why Not
You need to develop a web application with multiple users.	✓ Yes	Django includes built-in support for user authentication and sessions.
You need fast deployment and the ability to make changes as you proceed.	✓ Yes	Django's modular architecture and admin interface speed up development.
You need to build a very basic application with no DB or file operations.	✗ No	Django might be overkill; a lightweight framework like Flask is better.
You want to build an app from scratch and want control over everything.	✗ No	Django is opinionated; something like Flask or FastAPI offers more control.

You're starting a big project and fear getting stuck.

✓ Yes

Django has a large community, good documentation, and many reusable packages.

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[→ Exercise 2.1 git:(main) python3 --version
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Python 3.9.6
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→ Exercise 2.1 git:(main) █
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[→ Exercise 2.1 git:(main) python3 -m venv achievement2-practice
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[→ Exercise 2.1 git:(main) ✕ source achievement2-practice/bin/activate
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(achievement2-practice) → Exercise 2.1 git:(main) ✕ █
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[→ Exercise 2.1 git:(main) ✕ django-admin --version
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4.2.23
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(achievement2-practice) → Exercise 2.1 git:(main) ✕ █
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