

## Why Django is Popular

Django is popular among web developers because it offers many built-in features that simplify the process of building complex applications. It's designed for speed, security, and scalability, allowing developers to create robust applications quickly while following best practices like avoiding code repetition.

## Five Large Companies Using Django

1. Instagram
  - Service: Photo and video sharing platform.
  - Usage: Uses Django to manage high traffic and API requests efficiently.
2. Spotify
  - Service: Music streaming service.
  - Usage: Utilizes Django to handle backend processes and music recommendations.
3. Pinterest
  - Service: Visual discovery and social media platform.
  - Usage: Employs Django for managing databases and handling user interactions.
4. Mozilla
  - Service: Software and open-source tools, including Firefox.
  - Usage: Uses Django for various web applications, focusing on security and performance.
5. Disqus
  - Service: Commenting and community engagement platform.
  - Usage: Leverages Django to manage discussions and user data in real-time.

## Scenarios

1. Developing a Web Application with Multiple Users
  - Yes, Use Django: It has strong user authentication and permission systems, making it ideal for multi-user applications.
2. Fast Deployment with the Ability to Make Changes
  - Yes, Use Django: Django supports rapid development and easy updates, perfect for projects needing flexibility.
3. Building a Basic Application Without Database Access
  - No, Don't Use Django: For simple apps that don't need databases, a lightweight framework like Flask is a better fit.
4. Wanting Full Control Over a New Application
  - No, Don't Use Django: Django has its own way of doing things, which may limit your control. A microframework like Flask would allow more customization.
5. Starting a Big Project with Support Needs
  - Yes, Use Django: Django has a large community and extensive documentation, making it easier to get help if needed.

```
(web-dev) C:\Users\vince>django-admin --version
4.2.16
```

```
(web-dev) C:\Users\vince>python --version  
Python 3.8.7
```

```
(achievement2-practice) C:\Users\vince>
```