

1. Write two to three sentences on why Django is so popular among web developers.

Django is a popular framework because it works with the user-friendly language python. Django is also popular because it's scalable, fast, and secure. Lasty Django has a strong community and support team.

1. 2. After some research, list five large companies that use Django. Specify what the company's product or service is and what they use Django for.

Dropbox uses Django for their web services, specifically file sharing, user accounts, and administrative tasks.

Eventbrite uses Django for their web services, to create events, manage ticketing, and manage users. Specifically the backend functionality of these features.

OpenStreetMap uses django for websites and map data management. Django supports the extensive data processing needed.

NASA uses django for web applications and data management, user interface, and collaboration tools.

The Washington Post uses django for content management and digital publishing. Django helps keep the Washington post web applications scalable and editable.

1. For each of the following scenarios, explain if you would use Django (and why or why not):
 - You need to develop a web application with multiple users.

- i. Yes I would use django, because it can handle large projects and can store user information with a database.
- You need fast deployment and the ability to make changes as you proceed.
 - i. Yes, I would use django, because it offers fast development and can be changed easily.
- You need to build a very basic application, which doesn't require any database access or file operations.
 - i. Maybe I would use django, you can accomplish this with django, but it might be better to use basic python or a more simple framework.
- You want to build an application from scratch and want a lot of control over how it works.
 - i. No I would not use django, because you will not have complete control over the application. You will have to follow the django way.
- You're about to start working on a big project and are afraid of getting stuck and needing additional support.
 - i. Yes I would use django, because it has a big community and a lot of support.

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(achievement2-practice) C:\Users\Alvin\Documents\careerfoundry\Python course>django-admin --version
4.2.14
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C:\Users\Alvin\Documents\careerfoundry\Python course>mkvirtualenv achievement2-practice
created virtual environment CPython3.8.7.final.0-64 in 4314ms
creator CPython3Windows(dest=C:\Users\Alvin\Envs\achievement2-practice, clear=False, no_vcs_ignore=False, global=False)
seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=C:\Users\Alvin\AppData\Local\pypa\virtualenv)
added seed packages: pip==24.1.2, setuptools==70.1.1, wheel==0.43.0
activators BashActivator,BatchActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator

(achievement2-practice) C:\Users\Alvin\Documents\careerfoundry\Python course>
(achievement2-practice) C:\Users\Alvin\Documents\careerfoundry\Python course>
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C:\Users\Alvin\Documents\careerfoundry\Python course>python --version
Python 3.8.7
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