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1 Write two to three sentences on why Django is so popular among web developers.
2 Django is popular among web developers because it provide rapid development capabilities, security features, and scalability.
3
4
5 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.
6 Companies that uses Django includes Instagram, Pinterest, Youtube, Spotify, and Dropbox
7
8
9 For each of the following scenarios, explain if you would use Django (and why or why not):
10 You need to develop a web application with multiple users.
11 - Would use Django since it will provide security to each individual user
12 You need fast deployment and the ability to make changes as you proceed.
13 - Would uses because Django provides fast prototyping and allow for high-speed applications.
14 You need to build a very basic application, which doesn't require any database access or file operations.
15 - Won't use Django since I don't need database access and file operations
16 You want to build an application from scratch and want a lot of control over how it works.
17 - Won't use Django because I would be losing control over the details
18 You're about to start working on a big project and are afraid of getting stuck and needing additional support.
19 - Wold use it since since it is a large project. And it would have a large and supportive community.
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⊗ (web-dev) daviddeng@davids-mbp Exercise 2.1 % mkvirtualenv achievement2-practice
created virtual environment CPython3.11.9.final.0-64 in 209ms
creator CPython3macOsBrew(dest=/Users/daviddeng/.virtualenvs/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=/Users/daviddeng/Library/Application Support/virtualenv)
added seed packages: pip==24.0, setuptools==69.5.1, wheel==0.43.0
activators BashActivator,CShellActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
virtualenvwrapper_run_hook:12: command not found: python3.8 not found
● (web-dev) daviddeng@davids-mbp Exercise 2.1 % pip in
Requirement already satisfied: Django in /Users/daviddeng/.virtualenvs/achievement2-practice/lib/python3.11/site-packages (5.0.4)
Requirement already satisfied: asgiref<4,>=3.7.0 in /Users/daviddeng/.virtualenvs/web-dev/lib/python3.11/site-packages (from Django) (3.8.1)
Requirement already satisfied: sqlparse>=0.3.1 in /Users/daviddeng/.virtualenvs/web-dev/lib/python3.11/site-packages (from Django) (0.5.0)
○ (web-dev) daviddeng@davids-mbp Exercise 2.1 %
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