2. Web developers love Django because it makes building websites easier. With features that help organize information, handle security, and save time, Django lets developers create websites faster and with fewer mistakes. Its friendly community and focus on making things simpler mean that even beginners can use it effectively.

3. **Instagram:** They use Django as a tool to help them organize the pictures and video people share.

Pinterest: They use Django as a tool to make sure everything runs smoothly on their website, like saving and sharing ideas.

Spotify: They use Django to make sure the website works well, and manage user accounts

Dropbox: Dropbox uses Django to organize and manage your files online and make sure everything is secure.

Eventbrite: Eventbrite uses Django to create and manage the web pages where you can sign up for events and buy tickets.

4. You need to develop a web application with multiple users:

Use Django: It's good for making websites where lots of people can sign in. Django makes it easier to manage users and keep things secure.

Use Django: If you want to quickly build and change a website, Django is like a helpful tool. It lets you make things fast and modify them easily.

Not useful: Django might be too much for a really simple app. Look for simpler tools that fit your basic needs without extra features.

Not useful: If you want to build everything exactly the way you want, there are simpler tools than Django. It might be better to start from scratch or use a more flexible framework.

Use Django: For a big project, Django is like having lots of friends to help. It's popular and has many resources, so you're less likely to get stuck. It helps you avoid problems and keeps things organized.

5.

```
● (web-dev) mikeu@Mikes-MacBook-Air ~ % python3 --version
  Python 3.8.7
```

7.

```
● mikeu@Mikes-MacBook-Air ~ % virtualenv achievement2-practice
  created virtual environment CPython3.8.18.final.0-64 in 1039ms
    creator CPython3macOsBrew(dest=/Users/mikeu/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/mikeu/Library/Application Support/virtualenv)
      added seed packages: Django==4.2.8, asgiref==3.7.2, backports.zoneinfo==0.2.1, pip==23.3.1, setuptools==68.2.2, sqlparse==0.4.4, typing_extensions==4.9.0, wheel==0.41.3
    activators BashActivator,CShellActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
```

8.

```
● (achievement2-practice) mikeu@Mikes-MacBook-Air ~ % pip install django
  Requirement already satisfied: django in ./achievement2-practice/lib/python3.8/site-packages (4.2.8)
  Requirement already satisfied: asgiref<4,>=3.6.0 in ./achievement2-practice/lib/python3.8/site-packages (from django) (3.7.2)
  Requirement already satisfied: sqlparse>=0.3.1 in ./achievement2-practice/lib/python3.8/site-packages (from django) (0.4.4)
  Requirement already satisfied: backports.zoneinfo in ./achievement2-practice/lib/python3.8/site-packages (from django) (0.2.1)
  Requirement already satisfied: typing-extensions>=4 in ./achievement2-practice/lib/python3.8/site-packages (from asgiref<4,>=3.6.0->django) (4.9.0)
○ (achievement2-practice) mikeu@Mikes-MacBook-Air ~ %
```

```
● (web-dev) mikeu@Mikes-MacBook-Air ~ % django-admin --version
  4.2.8
```