

1. Django is popular among web developers because it offers a high-level, batteries-included framework that simplifies building secure and scalable web applications quickly. Its built-in admin interface, ORM, and strong community support make it ideal for both rapid development and robust enterprise-level projects.
2. Instagram - a social media platform uses Django to manage its web app particularly for its backend API. Spotify - a music streaming service uses it for internal tools and data analysis dashboards. Pinterest a visual discovery platform uses it originally to rapidly square their early web platform. Mozilla - an open source company known for FireFox Browser uses it for several websites and internal tools such as Firefox add-ons. Disqus a comment hosting service uses it for their entire platform mainly to manage large scale databases.
3. 1. I would use Django because of its scalability and multiple features, also I figure if Instagram is using Django and they can accommodate millions of users I should be able to accommodate a few. 2. I would use Django because of the MVT design process they are down for their speed in which they can be deployed. 3. Basic applications aren't the best to be working with Django so I would actually use Flask because it seems to be a better option for basic applications. 4. I would not use Django because again since they use MVT I have to adhere to Django's rules and there is very little room to deviate from their rules. 5. I would use Django because of their massive online support.

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Last login: Fri Apr 25 04:37:31 on ttys000
brandonlopez@MacBookPro ~ % which python3
/usr/local/bin/python3
brandonlopez@MacBookPro ~ % python3 -V
Python 3.13.3
brandonlopez@MacBookPro ~ %
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brandonlopez@MacBookPro ~ % cd documents
brandonlopez@MacBookPro documents % cd personal
brandonlopez@MacBookPro personal % cd "career foundry"
$quote> "
cd: no such file or directory: career foundry\n
brandonlopez@MacBookPro personal % cd "career foundry"
brandonlopez@MacBookPro career foundry % cd "cf exercises"
brandonlopez@MacBookPro cf exercises % mvvirtualenv achievement2-practice
created virtual environment CPython3.9.6.final.0-64 in 379ms
creator CPython3MacOSFramework(dest=/Users/brandonlopez/.virtualenvs/achievement2-practice, clear=False, no_vcs_ignore=False, global=False)
source FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/Users/brandonlopez/Library/Application Support/virtualenv)
added seed packages: pip==25.0.1, setuptools==78.0.2, wheel==0.45.1
activators BashActivator,CShellActivator,FishActivator,PowerShellActivator,PythonActivator
virtualenvwrapper.user_scripts creating /Users/brandonlopez/.virtualenvs/achievement2-practice/bin/predeactivate
virtualenvwrapper.user_scripts creating /Users/brandonlopez/.virtualenvs/achievement2-practice/bin/postdeactivate
virtualenvwrapper.user_scripts creating /Users/brandonlopez/.virtualenvs/achievement2-practice/bin/psactivate
virtualenvwrapper.user_scripts creating /Users/brandonlopez/.virtualenvs/achievement2-practice/bin/postactivate
virtualenvwrapper.user_scripts creating /Users/brandonlopez/.virtualenvs/achievement2-practice/bin/get_env_details
(achievement2-practice) brandonlopez@MacBookPro cf exercises % █

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virtualenvwrapper.user_scripts creating /Users/brandonlopez/.virtualenvs/achievement2-practice/bin/get_env_details
(achievement2-practice) brandonlopez@MacBookPro cf exercises % django-admin --version
zsh: command not found: django-admin
(achievement2-practice) brandonlopez@MacBookPro cf exercises % pip install django
Collecting django
  Using cached Django-4.2.20-py3-none-any.whl.metadata (4.1 kB)
Collecting asgiref<4.0,>=3.6.0 (from django)
  Using cached asgiref-3.8.1-py3-none-any.whl.metadata (9.3 kB)
Collecting sqlparse==0.5.1 (from django)
  Using cached sqlparse-0.5.3-py3-none-any.whl.metadata (3.9 kB)
Collecting typing_extensions==4.13.2-py3-none-any.whl.metadata (3.0 kB)
Using cached typing_extensions-4.13.2-py3-none-any.whl (8.0 kB)
Using cached asgiref-3.8.1-py3-none-any.whl (23 kB)
Using cached sqlparse-0.5.3-py3-none-any.whl (44 kB)
Using cached typing_extensions-4.13.2-py3-none-any.whl (45 kB)
Installing collected packages: typing_extensions, sqlparse, asgiref, django
Successfully installed asgiref-3.8.1 django-4.2.20 sqlparse-0.5.3 typing_extensions-4.13.2
(achievement2-practice) brandonlopez@MacBookPro cf exercises % django-admin --version
4.2.20
(achievement2-practice) brandonlopez@MacBookPro cf exercises % █

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