

1. Django is popular among developers for a number of reasons. Django's framework can help your application run faster, it has built-in automated encryption, uses Don't Repeat Yourself principles which keep the code non-redundant and is scalable.
2. Companies that use Django:
 - Spotify: Uses Django for fast backend and machine learning options to recommend content.
 - Washington Post: Django provides them with a scalable framework that is able to handle massive amounts of data.
 - DropBox: Django allowed the developers to build the product efficiently.
 - Pinterest: Uses Django for machine learning to help recommend users content.
 - Mozilla: Uses Django for the scalability with a large number of users.
3. *You need to develop a web application with multiple users.*

Yes. Django has support for user authentications and sessions so a lot of the work of setting up and environment for multiple users is done for you.

You need fast deployment and the ability to make changes as you proceed.

Yes. Django is a batteries included framework so there are a lot of pre-built features which help you build and iterate rapidly.

You need to build a very basic application, which doesn't require any database access or file operations.

No. The main reason to use Django is that it handles apps with a database. If that isn't important there's not a strong reason to use it.

You want to build an application from scratch and want a lot of control over how it works.

No. Django is a batteries included framework so you may be stuck with “the Django way” which can be an advantage if you want to create something quickly but could be an issue if you need a lot of control over how it works.

You’re about to start working on a big project and are afraid of getting stuck and needing additional support.

Yes. Django is one of the most used Python frameworks along with Flask so it has a large community to help you through any issues that may arise.

Screenshot of Python Version

```
(achievement2-practice) itslearnings-MacBook-Pro-2:Exercise 2.1 itslearning$ python3 --version  
Python 3.8.19
```

Screenshot of Django Version

```
((achievement2-practice) itslearnings-MacBook-Pro-2:Exercise 2.1 itslearning$ python3 -m django --version  
4.2.16
```