

## 2.1: Getting Started with Django

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

Django is popular with web developers to build databases because it is implemented in Python. It also allows for fast and easy development because of its MVT architecture. MVT also allows for faster processing of the application.

List five large companies that use Django. Specify what the company's product or service is and what they use Django for.

- Instagram - Image/video sharing - Django used to store and process large amounts of data
  - Dropbox - File sharing/storage - Django used to store and process large amounts of data
  - Spotify - Music streaming - Django used for data analysis and backend services
  - Youtube - Video streaming - Django used because of its built-in security system
  - Doordash - Food Delivery app - provided the engineering team with a unified framework for front and backend.
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- You need to develop a web application with multiple users.
    - I would use Django because of its scalability features.
  - You need fast deployment and the ability to make changes as you proceed.
    - I would use Django because it allows for quick development and you can update as you proceed.

- You need to build a very basic application, which doesn't require any database access or file operations.
  - I would not use Django, as the application does not need a database or file operations.
- You want to build an application from scratch and want a lot of control over how it works.
  - I would not use Django because it is highly structured and although it takes the load off of developers with its fixtures structure, does not allow for full control.
- You're about to start working on a big project and are afraid of getting stuck and needing additional support.
  - I would use Django because of its huge community of contributors.