

DJANGO

1. What is Django?

Django is a Full-stack web development framework that facilitates the creation and maintenance of high-quality Dynamic pages while also encouraging rapid development and a clean, pragmatic style. Django makes it easier to automate repeated operations, resulting in a more efficient development process with fewer lines of code.

2.Name some Companies that use Django.

Some companies that use the Django framework are Instagram, Mozilla, Disqus, Bitbucket, Nextdoor, and Clubhouse.

3.What is the difference between a Project and an App?

The main difference between a project and an app is that a project is defined as the entire application whereas, an app is part of the project that is self-sufficient to perform any task.

4. Explain Django's architecture.

The [Model-View-Template](#) also known as MVT architecture is used by Django. It is a software design pattern for developing a web application. The Django MVT Structure is made up of three parts:

- The model will serve as an interface for your data. It is in charge of data management. A database represents the logical data structure that supports the entire application such as MySQL and Postgres.
- The View is the user interface, that renders a website page in your browser. HTML/CSS/Javascript and Jinja files are used to represent it.
- A template is made up of both static sections of the desired HTML output and specific syntax that describes how dynamic content will be included.



6. What are the Features of using Django?

- Flexible server arrangement,
- Model relation database
- Provide object-relational mapper
- Web templating system

- **Middleware class support**
- **Regex-based URL Dispatcher**
- **Unit testing framework**
- **Admin Interface**
- **Django is SEO optimized.**
- **In-build mitigation**
- **Easy inheritance**