**PYTHON DJANGO**

**(Web Development)**

**What is Django**

Django is a framework for building a fully functioning web application. Django web framework is written on quick and powerful python language. Django is a high-level, MVC-style, open-source collection of libraries.

**What is a web framework?**

* it is combination of components and packages.
* A web framework is a **server-side application** framework that is designed to support the development of dynamic website, web application, web services and resources.
* A python web framework is a code **library** that make the life of a web application developer much easier for building flexible, scalable and maintainable web applications.
* **Web frameworks provide tools and libraries to simply common web development operations.**
* **The framework aims to alleviate the overhead associated with common activities performed in web development. It will make your life a lot easier.**

**Please find below some framework examples: -**

1. Django
2. Pyramid
3. Falcon
4. Flask
5. Bottle
6. Web2py
7. FastAPI
8. Tornado
9. Sanic
10. Dash

**Why python Django?**

* **Tight integration between components**
* **Object-relation mapper (ORM)**
* **Automatic administration interface**
* **Multi-Lingual support**