**Django**

Are you looking for a web framework that is open-source and uses model-view-template(MVT) architecture to create a database driven website?

Introducing Django , built using python with a principle known as Don’t Repeat yourself to suit your need. It provides an abstraction with reusable and pluggable components.

Django consists of

- Object-Relational Mapper(ORM) : mediates between data models.

- Relational Database Model : a system for processing web requests.

- View : A template system dealing with functional logic

- Controller : a regular-expression based URL dispatcher.

**Let’s Focus on the ORM and model in detail.**

**Why Django :**

- Ridiculously Fast

- Fully loaded

- Reassuringly Secure

- Exceedingly scalable

- Incredibly Versatile

Django is powered with inclusive battery – the Django ORM

**Django Installation**

Since Django is python based module, install using the pip installer

$ pip install django

To verify the installation, get the installed version using

$ python3 -c “import django; print(django.get\_version())”

1.11.7

**Database support**

Django comes with a default SQLite. However, packages are available for other database soures.

- PostgreSQL

- MySQL

- Oracle