**Bootstrap**: In the context of software development, the term **“bootstrap”** refers to the process of starting or initializing a project or framework. It often involves setting up the necessary files, directories, configurations, and dependencies needed to get a project up and running.

**App Vs Project**: What’s the difference between a project and an app? An app is a web application that does something – e.g., a blog system. A project is a collection of configuration and apps for a particular website. A project can contain multiple apps. An app can be in multiple projects.

**loopback IP address and port number:**

127.0.0.1:

This is the loopback IP address (also known as “localhost”). It refers to the local machine you are using. When you access this address, you are communicating with a server running on your own computer, rather than over the internet.

8000:

This is the port number. In this case, port 8000 is being used. When a server is running on a machine, it listens for incoming requests on specific ports. The default port for HTTP is 80, but development servers often use higher port numbers like 8000, 8080, etc., to avoid conflicts with other services.

**Migrations**: Migrations are how Django stores changes to your models (and thus your database schema)

**Migrate**: this command will apply changes and new migrations to the databse schema.

**sqlmigrate command**: it recieves the migration number and tell you the exact sql code used by dajngo to make the table or apply changes.

**3 Important stages changing models.py:**

* Change your models (in models.py).
* Run python manage.py makemigrations to create migrations for those changes
* Run python manage.py migrate to apply those changes to the database.

**Shell command**: provide a shell which is simply a command line for you and also gives accessability to the databse API.

**Url Pattern**: A URL pattern is the general form of a URL - for example: /newsarchive/<year>/<month>/.