

# Django:

- Django Basic:
  - Virtualenv
  - Django & Git, Github
  - Model
  - View
  - Templates
  - Form
  - Admin Panel
  - Database
- Django Packages
  - Rest Api [Authentication]
  - Translation[en-ar]
  - Admin Panel Customization [themes]
  - Deploy:
    - Heroku
    - Digital Ocean
    - Ssl Certificate
    - Connect Domain

### ③ Download template website

#### ③ created Folder in the name of the project:

- Open CMD and go to project name
- your writ in CMD [ `virtualenv -p python3.8 Name-Project` ]
- your writ in CMD [ `cd Name-Project` ]
- Writ in CMD [ `mkdir src` ] to create folder this name
- copy template website in folder src and rename folder to Front end template
- write [ `cd ..` ] to back folder name project to activate Vertualenv
- write [ `.\Scripts\activate` ]
- when activate Vertualenv write [ `cd src` ]

#### ③ Create project in Github:

- Link the project with Github
- click new Repository
- write name project
- click create repository
- write in CMD [ `echo "# dddd" >> README.md` ]
- write in CMD [ `git init` ]
- write in cmd [ `git add .` ]
- write in CMD [ `git commit -m "first commit"` ]
- write in CMD [ `git remote add origin`  
<https://github.com/mohamedsamyfoda/dddd.git> ]
- write in CMD [ `git push -u origin main` ]
- write in CMD [ `pip install Django` ]
- write in CMD [ `Django-admin startproject project .` ]
- write in CMD [ `manage.py runserver` ]
- update project in Github write in CMD [ `git add .` ]
- write in CMD [ `git commit -m "add Django project structure"` ]
- write in CMD [ `git push` ]