Deployment:

to send our app to live/production.

Steps:

1.create local repo with our project

2.move this to remote repository

3.clone this to pythonanywhere.com

4.do required configuration

1.create a new folder my_cwd.

2.copy sunnyjobs project and paste in my_cwd.

3.go to gitbash:

$cd d:

$cd my_cwd

$git init

$git add .

$git status

$git commit -m 'first commit'

$git status

-->go to github:

create a new repository jobsrepo

-->go to gitbash:

$ git remote add origin https://github.com/maheshdj123/jobsrepo.git

$ git branch -M main

$ git push -u origin main

-->go to pythonanywhere.com

In dashboard-->New console-->bash console

create venv

$mkvirtualenv --python=python3.10 myproj2

$pip list

$pip install -U django==4.1

$pip list

github:

https://github.com/maheshdj123/jobsrepo.git

go to venv in pythonanywhere.com:
> $git clone https://github.com/maheshdj123/jobsrepo.git
> $cd jobsrepo
> $cd sunnyjobs
> $pwd

source code path:
> /home/maheshproject/jobsrepo/sunnyjobs

virtual env path:
> home/maheshproject/.virtualenvs/myproj2

$python manage.py makemigrations.
-->If any problems came configure with sqlite-3 in settings.py

$py manage.py makemigrations
$py manage.py migrate
$py manage.py createsuperuser

-->Go to web tab:
> Add a new web app-->manual configuration-->select python-3.10
> give source path:/home/maheshproject/jobsrepo/sunnyjobs
> virtual env:home/maheshproject/.virtualenvs/myproj2

-->Reload application.

- **configure wsgi.py**

```
import os
import sys
path = '/home/maheshproject/jobsrepo/sunnyjobs'
if path not in sys.path:
   sys.path.append(path)
   os.chdir(path)
os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'sunnyjobs.settings')
import django
django.setup()
```

-->Reload application then access.

We will get an error:
> DisallowedHost at /

- **in settings.py**
    ALLOWED_HOSTS = ['maheshproject.pythonanywhere.com']

Add static files:
URL:/static
Path://home/maheshproject/jobsrepo/sunnyjobs/static

For admin application:
URL:/static/admin
Path:/home/maheshproject/.virtualenvs/myproj2/lib/python3.10/site-packages/django/contrib/admin/static/admin

Go to consoles bash console:
    $ py populate.py
            -->If faker module is not available.
    $pip install faker
    $py populate.py

-->Reload app:
        https://maheshproject.pythonanywhere.com/

---**The End**---