

## Django Deployment (Heroku)

Make a copy of your project or use a separate git branch.

Make sure your virtual environment is activated.

```
pip install django pillow pscycopg2-binary gunicorn
```

1. Now, deactivate the virtualenv

2. Add your dependencies to requirements.txt by typing in the terminal,

- `pip freeze > requirements.txt`

3. Follow the Below commands

- `git init`
- `git remote add origin "git link"`

4. If you are new to Heroku Make a New Account or Login to Heroku by following below commands

- `heroku login`
- `heroku create <app-name>`

5. Do these changes in settings.py

- `ALLOWED_HOSTS = ['your_app_name.herokuapp.com', 'localhost', '127.0.0.1']`
- Use `[*]` to allow all requests

6. Add these files in root directory

Procfile

```
release: python manage.py migrate
web: gunicorn galleryapp.wsgi
```

runtime.txt

```
python-3--*
```

## 7. Go to Heroku application add postgresSQL to created app and go to settings of database

- Add these credentials in settings.py

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.postgresql',  
        'NAME': 'ddlpl06dq8aui',  
        'USER': 'kqrazpubtzhjl',  
        'PASSWORD': '82ccd1cbbeddd540d933ef8fd7aa89499cab955a37da0',  
        'HOST': 'ec2-54-87-179-4.compute-1.amazonaws.com',  
        'PORT': '5432',  
    }  
}
```

## 8. Now add the changes and push

- `git add .`
- `git commit -m "message"`
- `git push heroku master`

## 9. To Open Heroku application

- `heroku open`

\*Note

If you got error as static files Execute following command

```
heroku config:set DIASBLE_COLLECTSTATIC=1
```