

# Installing Django on PythonAnywhere

1. Go to your pythonanywhere [account](#), open a bash
2. Create Python virtual environment
  1. `mkvirtualenv django3 --python=/usr/bin/python3.6`
3. Install Django
  1. `pip install Django`
4. Activate the virtual environment
  1. `workon django3`
5. Copy Samplecode to local drive
  1. `cd ~`
  2. `git clone https://github.com/csev/dj4e-samples`
  3. `cd dj4e-samples`
  4. `ls` (check files)
6. Install required libraries
  1. `pip install -r requirements.txt`
7. Use the manage.py to check installed library
  1. `python manage.py check`
  2. `python manage.py makemigrations` (connect to Django server files)
  3. `python manage.py migrate` (deploy)

# Build your application

1. Back to home directory and build a folder as your application folder
  1. `cd ~`
  2. `mkdir django_projects`
  3. `cd django_projects`
  4. `Django-admin startproject mysite` (use Django to start a new project)
2. Change the `allowed_hosts` tag in the setting file to [ "\*" ] (Defines what sites can talk to this Server)
  1. `Cd ~/Django_projects/mysite/mysite/`
  2. Nano `settings.py` (save the file by pressing CTRL-X , Y, and Enter)

## Run your application

1. Check the status of the application
  1. `Python3 manage.py check`
2. Add Virtual environment of Web application in pythonanywhere

Code:

What your site is running.


Source code: </home/ericYang/mysite>

[➔Go to directory](#)

Working directory: </home/ericYang/>

[➔Go to directory](#)

WSGI configuration file: [/var/www/ericyang-pythonanywhere\\_com\\_wsgi.py](/var/www/ericyang-pythonanywhere_com_wsgi.py)

Python version: 3.6 

Virtualenv:

Use a virtualenv to get different versions of flask, django etc from our default system ones. [More info here](#). You need to **Reload your web app** to activate it; NB - will do nothing if the virtualenv does not exist.

</home/ericYang/.virtualenvs/django3>

[🔗 Start a console in this virtualenv](#)

# Adding Your Polls Application

1. Check the status of the application
  1. Python3 manage.py check
2. Add Virtual environment of Web application in pythonanywhere