Create an Ansible role that installs Python3 and deploys a custom configuration file for the application.

```
master@master-vm:~$ ansible-galaxy init python_app_deploy
- Role python_app_deploy was created successfully
master@master-vm:~$ ls
ansible-webserver         Documents              ecommerce-webapplication  microservices           Music            Pictures           Q3         Videos
Desktop                   Downloads              flask-kube                Microservices           nginx-pod.yaml   Public             Templates  webserver_setup
devops-commontrack-mocktest  ecommerce-microservices  k8s-multi-tenant     multi-tier-application  package_update   python_app_deploy  test_1
master@master-vm:~$ cd python_app_deploy/templates
master@master-vm:~/python_app_deploy/templates$ nano config.yml.j2
master@master-vm:~/python_app_deploy/templates$ cd ../tasks
master@master-vm:~/python_app_deploy/tasks$ nano main.yml
master@master-vm:~/python_app_deploy/tasks$ cd ../..
master@master-vm:~$ nano deploy_python_app.yml
master@master-vm:~$ nano inventory.ini
```

```
master@master-vm:~$ nano inventory.ini
master@master-vm:~$ ansible-playbook -i inventory.ini deploy_python_app.yml --ask-become-pass
BECOME password:

PLAY [Deploy Python app with config] ***********************************************************************************

TASK [Gathering Facts] *************************************************************************************************
ok: [192.168.147.130]
ok: [192.168.147.129]

TASK [python_app_deploy : Install Python3] *****************************************************************************
ok: [192.168.147.129]
ok: [192.168.147.130]

TASK [python_app_deploy : Ensure config directory exists] **************************************************************
ok: [192.168.147.129]
changed: [192.168.147.130]

TASK [python_app_deploy : Deploy config file using template] **********************************************************
ok: [192.168.147.129]
changed: [192.168.147.130]

PLAY RECAP ***********************************************************************************************************
192.168.147.129            : ok=4    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
192.168.147.130            : ok=4    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

```
GNU nano 6.2
---
- name: Ensure Python3 is installed
  apt:
    name: python3
    state: present
  become: yes

- name: Create application config directory
  file:
    path: /etc/python_app
    state: directory
    mode: '0755'
  become: yes

- name: Deploy the config.yml file from template
  template:
    src: config.yml.j2
    dest: /etc/python_app/config.yml
    mode: '0644'
  become: yes
```