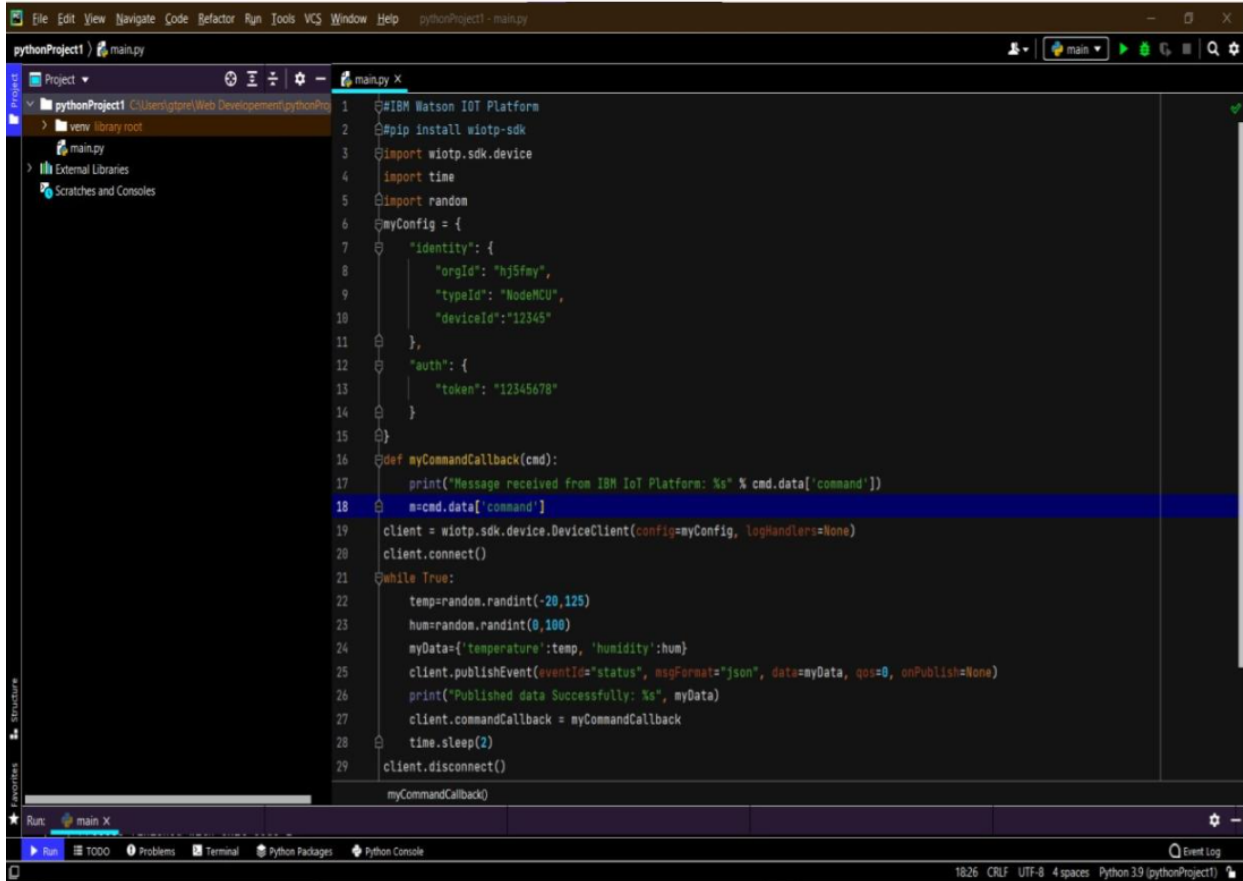


# Develop a Python Script



The screenshot shows an IDE window titled 'pythonProject1 - main.py'. The left sidebar displays the project structure with 'pythonProject1' as the root, containing 'venv', 'library root', 'main.py', 'External Libraries', and 'Scratches and Consoles'. The main editor area shows the following Python code:

```
1 #IBM Watson IoT Platform
2 #pip install wiop-sdk
3 import wiop.sdk.device
4 import time
5 import random
6 myConfig = {
7     "identity": {
8         "orgId": "hj5fey",
9         "typeId": "NodeMCU",
10        "deviceId": "12345"
11    },
12    "auth": {
13        "token": "12345678"
14    }
15 }
16 def myCommandCallback(cmd):
17     print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
18     m=cmd.data['command']
19 client = wiop.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
20 client.connect()
21 while True:
22     temp=random.randint(-20,125)
23     hum=random.randint(0,100)
24     myData={'temperature':temp, 'humidity':hum}
25     client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
26     print("Published data Successfully: %s", myData)
27     client.commandCallback = myCommandCallback
28     time.sleep(2)
29 client.disconnect()
30 myCommandCallback()
```

The bottom status bar indicates the file encoding is UTF-8, the line length is 1826, and the Python version is 3.9.