

# PUBLISH DATA TO THE IBM CLOUD

The image shows a Python script in a PyCharm IDE and the IBM Watson IoT Platform interface. The script generates random pH, turbidity, and temperature values and publishes them to the IoT platform. The platform interface displays a list of recent events.

```
42 pH = random.r
43 turbidity = random.randint(1,
44 temperature = random.randint(0
45
46 data = {'pH': pH, 'turbid': tur
47
48
49 # print(data)
50 def myOnPublishCallback():
    while True
```

Run: Test\_python\_3.7.4

Published pH= 4 Turbidity:242 Temperature:91  
Published pH= 12 Turbidity:564 Temperature:54  
Published pH= 2 Turbidity:571 Temperature:98  
Published pH= 7 Turbidity:677 Temperature:65  
Published pH= 8 Turbidity:352 Temperature:13  
Published pH= 5 Turbidity:862 Temperature:88  
Published pH= 3 Turbidity:834 Temperature:7  
Published pH= 9 Turbidity:213 Temperature:89  
Published pH= 14 Turbidity:677 Temperature:22  
Published pH= 11 Turbidity:292 Temperature:160  
Published pH= 2 Turbidity:53 Temperature:21  
Published pH= 6 Turbidity:499 Temperature:69  
Published pH= 11 Turbidity:238 Temperature:26  
Published pH= 2 Turbidity:443 Temperature:43  
Published pH= 6 Turbidity:986 Temperature:91  
Published pH= 5 Turbidity:593 Temperature:85  
Published pH= 14 Turbidity:388 Temperature:86  
Published pH= 4 Turbidity:532 Temperature:8  
Published pH= 3 Turbidity:56 Temperature:8

IBM Watson IoT Platform

Browse Action Device Types Interfaces Add Device

The recent events listed show the live stream of data that is coming an

Event	Value
demo	["pH":12,"turbid":93,"temp":87]
demo	["pH":7,"turbid":873,"temp":94]
demo	["pH":3,"turbid":204,"temp":19]
demo	["pH":11,"turbid":304,"temp":77]
demo	["pH":13,"turbid":16,"temp":50]

00003 Disconnected Micro\_controller\_2 Devi

Items per page 50 | 1-3 of 3 items 1 of 1 page < 1 >