

OUTPUT

The image shows a Python script running in a Jupyter Notebook on the left and the IBM Watson IoT Platform dashboard on the right. The script generates random data for pH, turbidity, and temperature, which is then published to the IoT platform. The dashboard displays a table of recent events.

Python Script (Test_python_3.7.4.py):

```
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():
51 while True
```

Published Data (Run Output):

```
Published pH= 4 Turbidity:242 Temperature:71
Published pH= 12 Turbidity:564 Temperature:54
Published pH= 7 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:308 Temperature:86
Published pH= 4 Turbidity:532 Temperature:8
```

IBM Watson IoT Platform Dashboard:

The dashboard shows a table of recent events. The table has two columns: Event and Value.

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}

At the bottom of the dashboard, there is a status bar showing "00003 Disconnected Micro_controller_2" and a pagination control showing "Items per page 50 | 1-3 of 3 items 1 of 1 page".