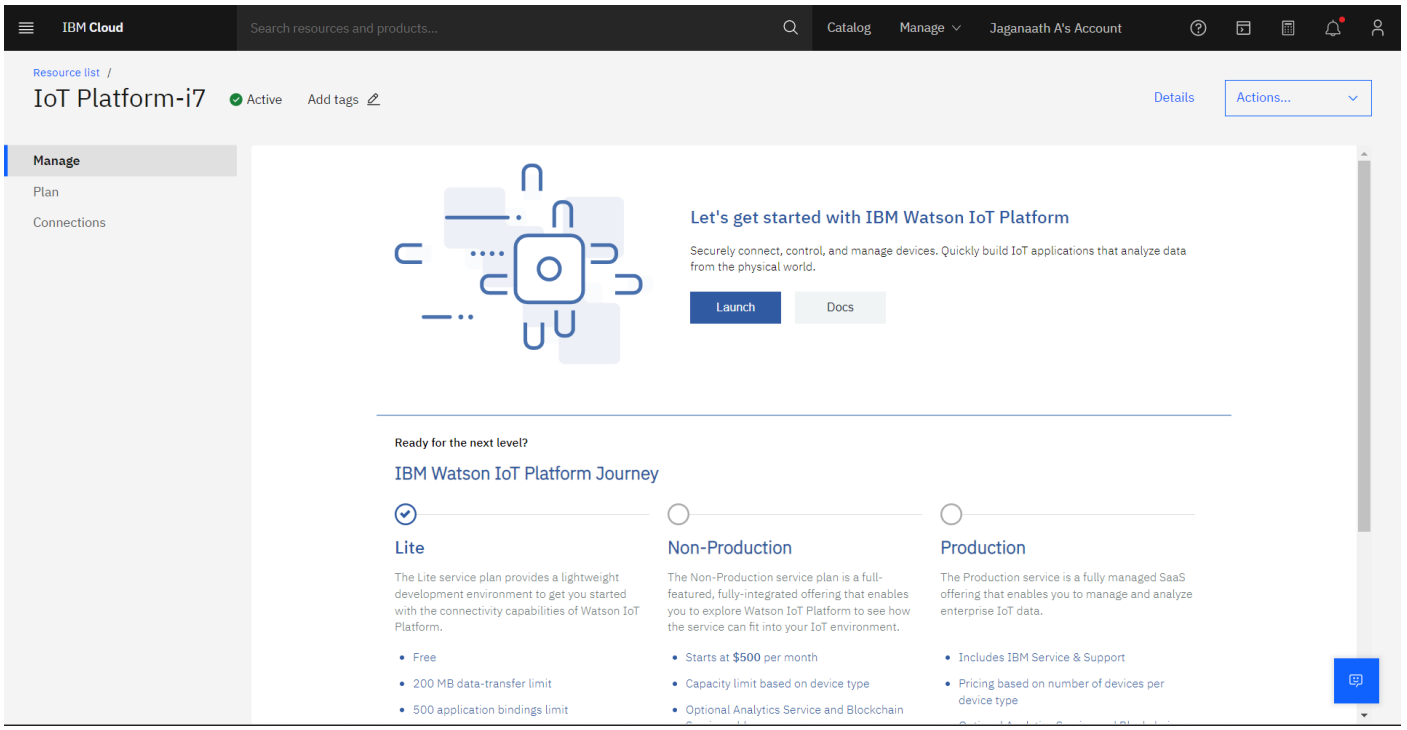
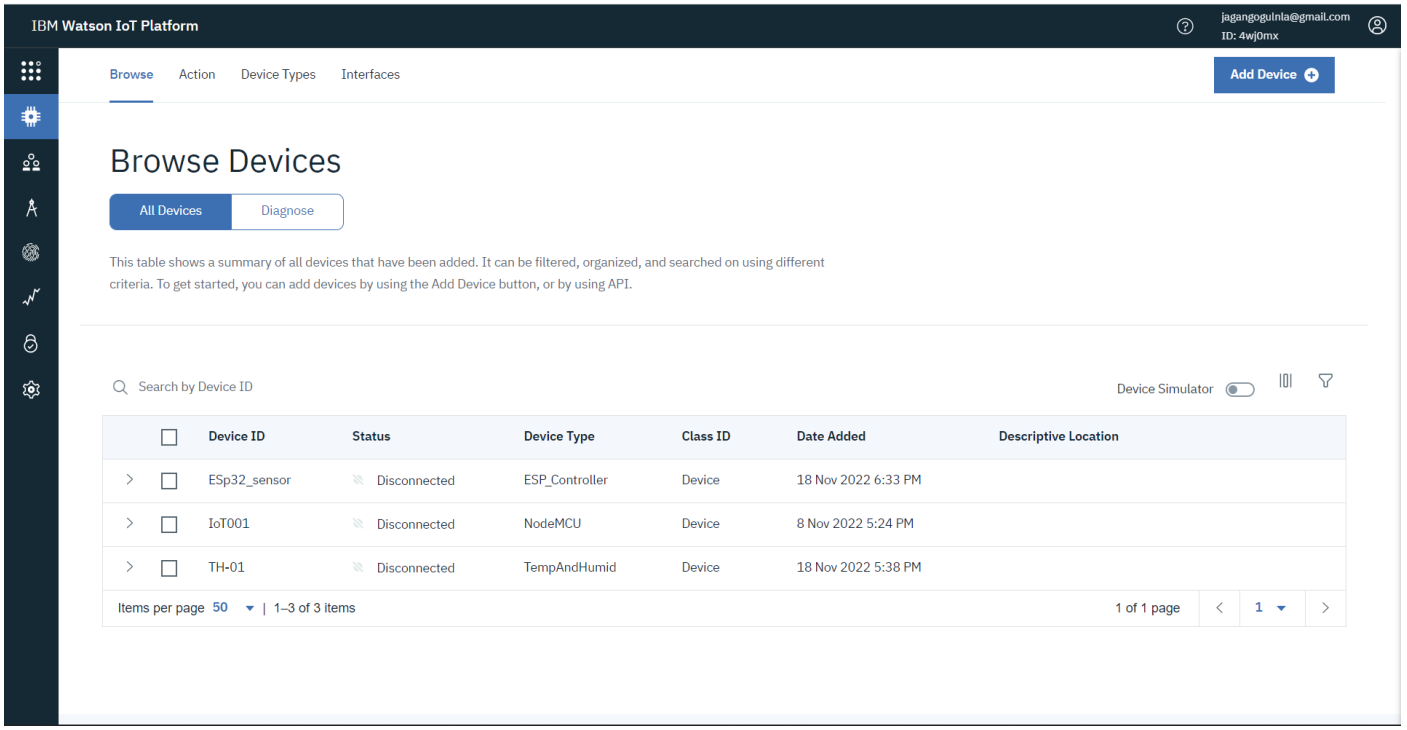
Sprint - 1

Team Id	PNT2022TMID43363
Title	Hazardous Area Monitoring for Industrial Plant using IoT

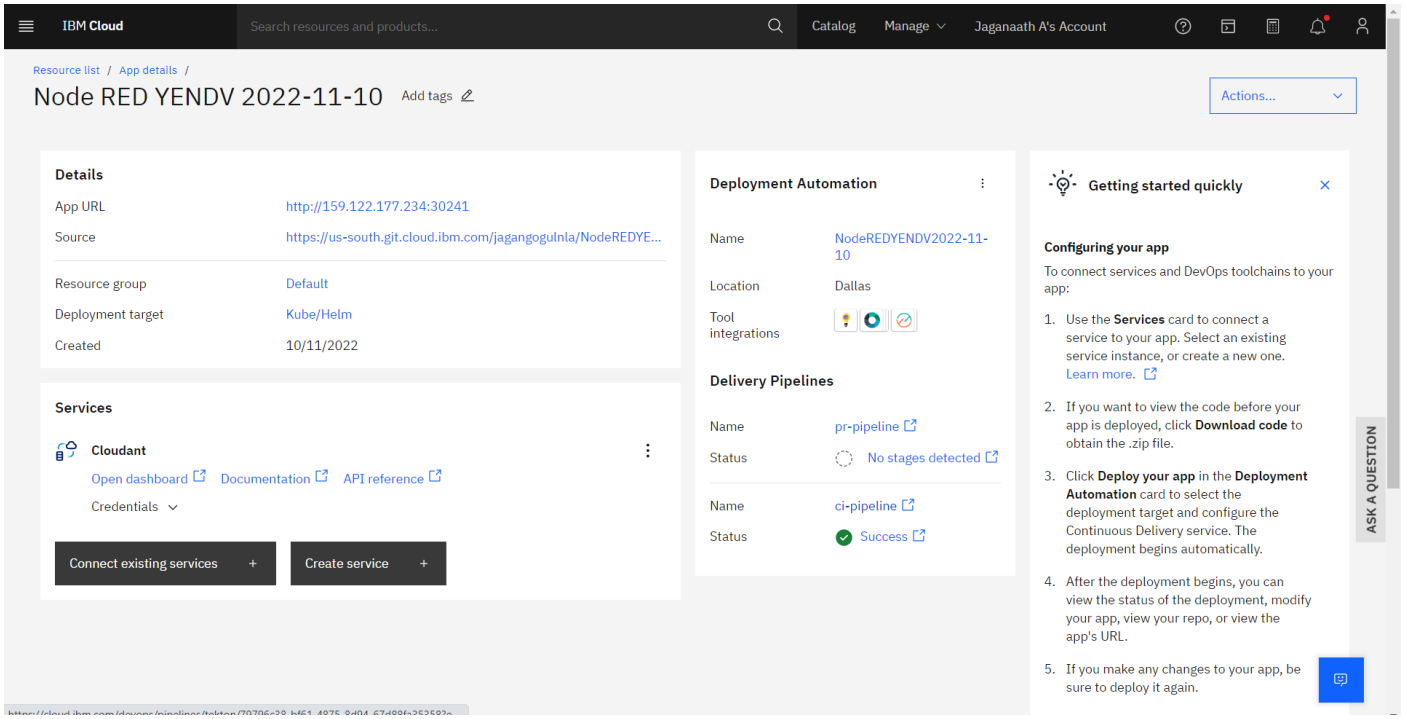
Configuring the IBM cloud services

IBM Watson Platform

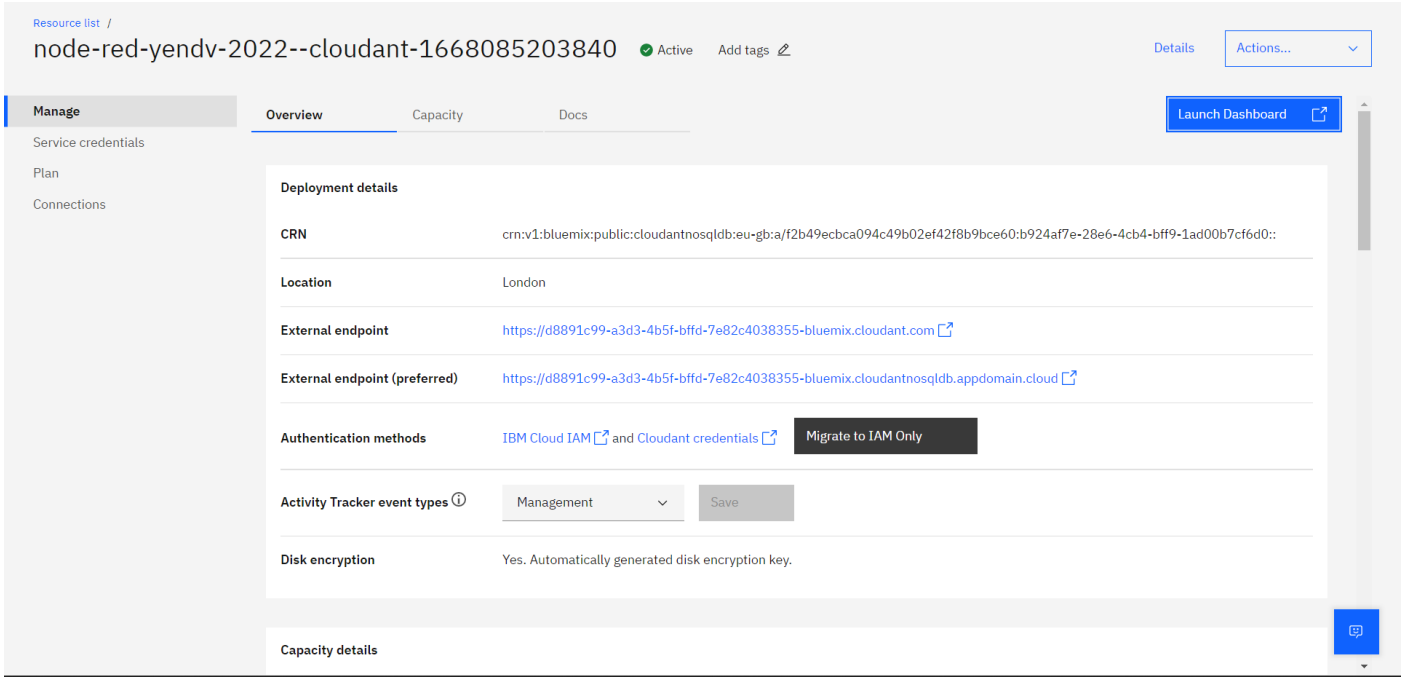


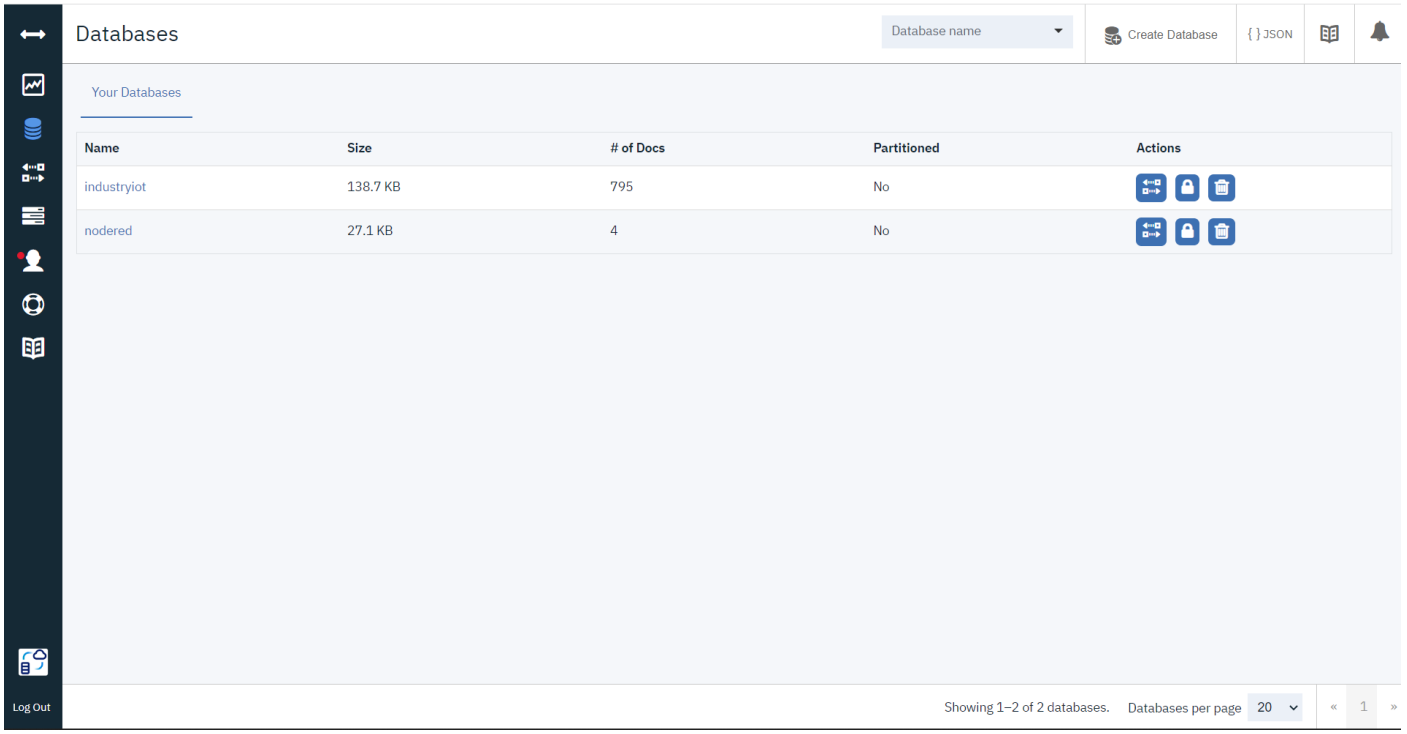


Node Red Configuration

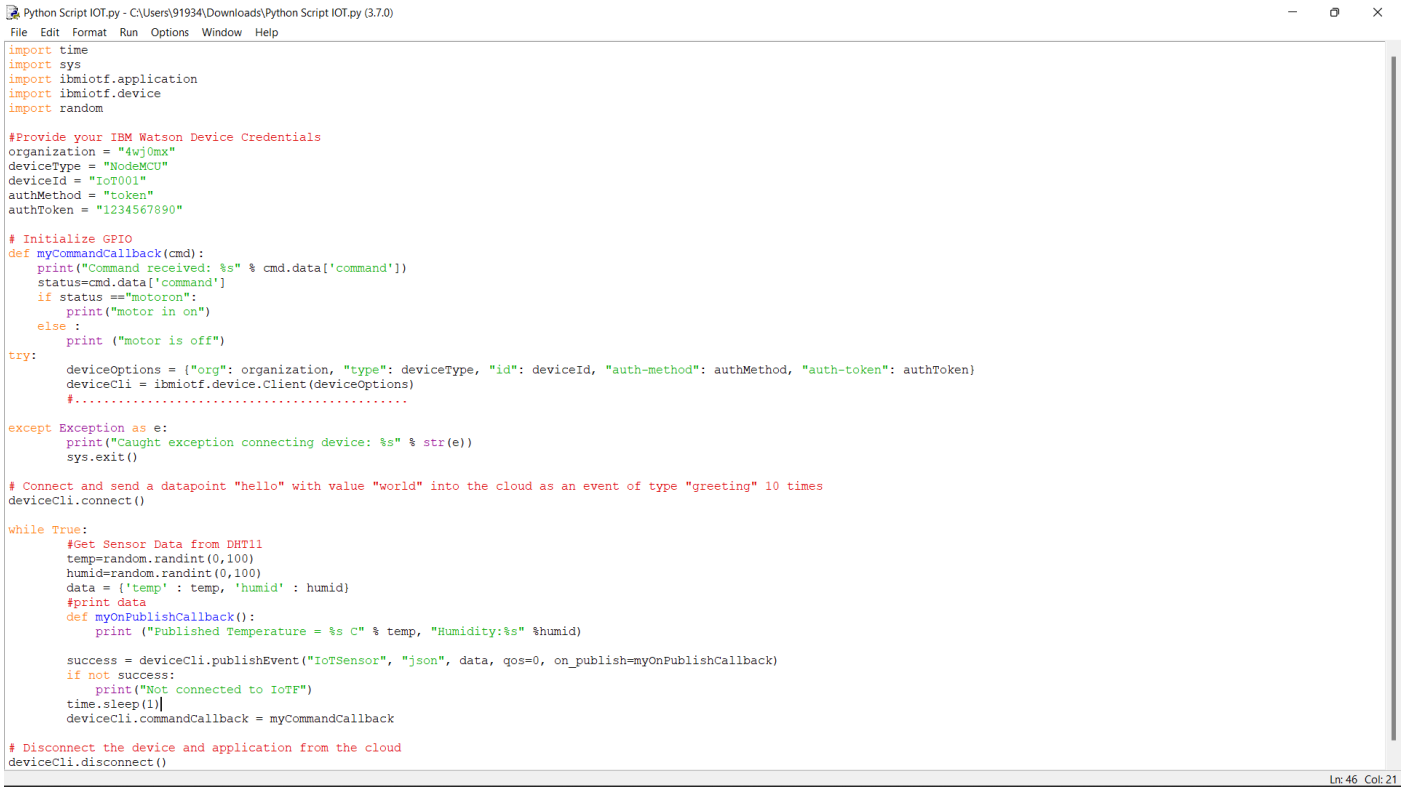


Cloudant dB



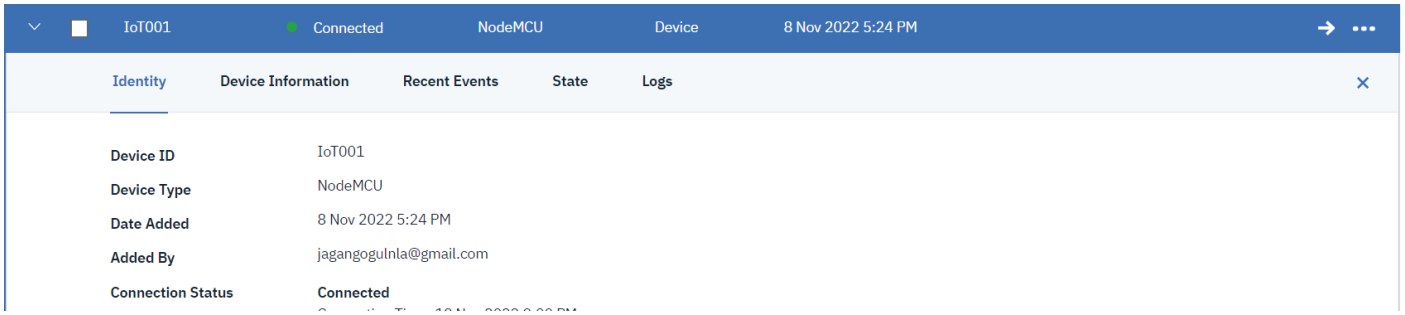


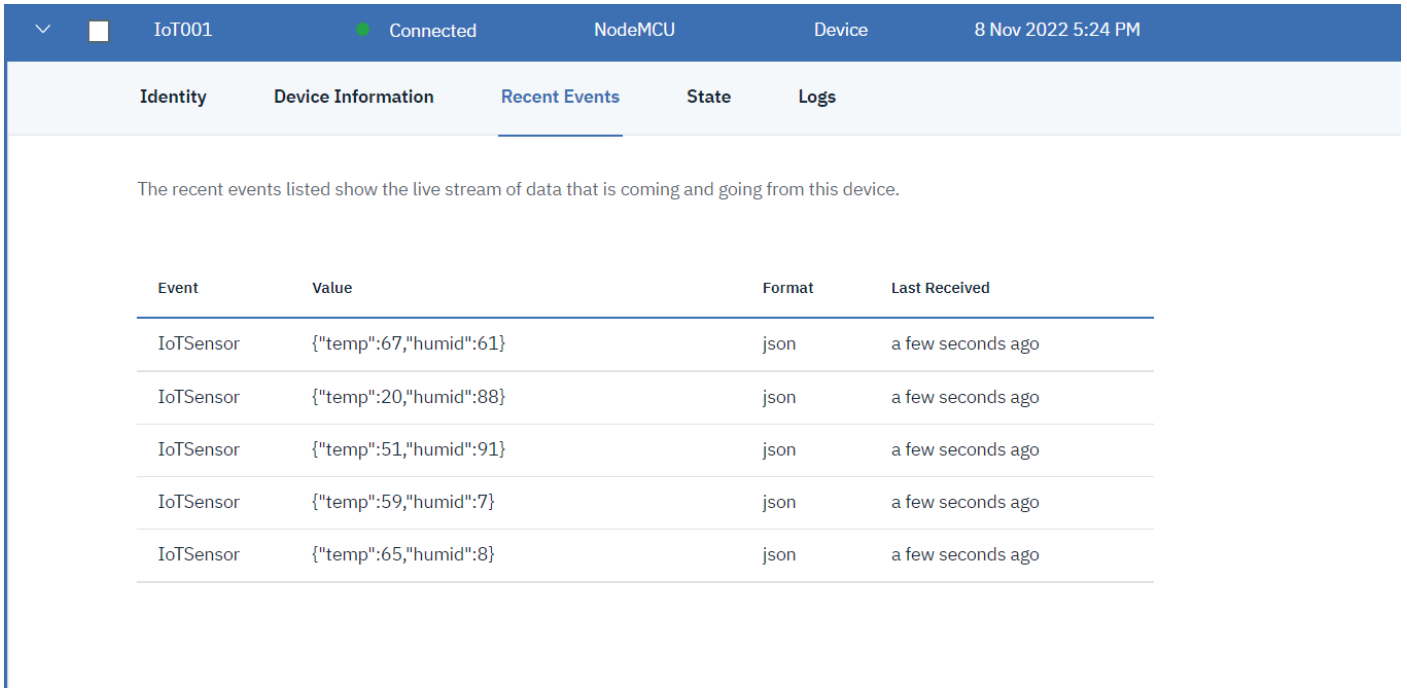
Generation of Python code for publishing the random sensor data to the IBM IoT Platform.



Random Temperature and humidity values generated and published to IBM IoT platform

```
========== RESTART: C:\Users\91934\Downloads\Python Script IOT.py ==========
2022-11-18 20:59:00,384   ibmiotf.device.Client      INFO    Connected successfully: d:4wj0mx:NodeMCU:IoT001
Published Temperature = 7 C Humidity:71
Published Temperature = 96 C Humidity:20
Published Temperature = 69 C Humidity:8
Published Temperature = 32 C Humidity:11
Published Temperature = 64 C Humidity:26
Published Temperature = 94 C Humidity:71
Published Temperature = 51 C Humidity:10
Published Temperature = 58 C Humidity:46
Published Temperature = 94 C Humidity:27
Published Temperature = 93 C Humidity:52
Published Temperature = 85 C Humidity:63
Published Temperature = 55 C Humidity:44
Published Temperature = 36 C Humidity:76
Published Temperature = 34 C Humidity:54
Published Temperature = 35 C Humidity:34
Published Temperature = 60 C Humidity:14
Published Temperature = 77 C Humidity:18
Published Temperature = 69 C Humidity:73
Published Temperature = 32 C Humidity:80
Published Temperature = 41 C Humidity:89
Published Temperature = 93 C Humidity:57
```





Data stored in Database