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| **PYTHON CODE TO PUBLISH DATA TO IBM CLOUD**   |  |  | | --- | --- | | Date | 10 November 2022 | | Team ID | PNT2022TMID10394 | | Project Name | Gas leakage monitoring and alerting system for industries |     **#IBM Watson IOT Platform #pip install wiotp-sdk import wiotp.sdk.device import time import random myConfig = {**  **"identity": {**  **"orgId": "4o5bpf",**  **"typeId": "TestDeviceType",**  **"deviceId":"28122001"**  **},**  **"auth": {**  **"token": "rlerLKxv&K2!a0FFQC"**  **}**  **}**  **def myCommandCallback(cmd):**  **print("Message received from IBM IoT Platform: %s" %**  **cmd.data['command']) m=cmd.data['command'] client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None) client.connect()**  **while True:**  **gas=random.randint(0,100)** |

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| **temp=random.randint(0,100) hum=random.randint(0,100)**  **pre=random.randint(0,100) myData={'Hazardous Gas':gas, 'Temperature':temp, 'Humidity':hum,**    **'Pressure':pre } client.publishEvent(eventId="status", msgFormat="json", data=myData,**  **qos=0, onPublish=None) print("Published data Successfully: %s", myData) client.commandCallback = myCommandCallback time.sleep(2) client.disconnect()** |