

## PUBLISH THE DATA TO THE IBM CLOUD

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|--------------|---|
| DATE         | 16 NOVEMBER-2022  |
| TEAM ID      | PNT2022TMID53946  |
| PROJECT NAME | SIGNS WITH SMART CONNECTIVITY<br>FOR BETTER ROAD SAFETY |

### REQUIREMENT:

To publish the data to IBM CLOUD from the python script has been showed below:





## DATA COLLECTED THROUGH THE IBM CLOUD :

The screenshot displays the IBM Watson IoT Platform interface. A modal window titled "Event Payload" is open, showing details for an event with ID 12345 received on Nov 14, 2022 at 9:57 AM. The event payload is a JSON object with the following structure:

```
1 {
2   "temperature": 27.99,
3   "TemperatureRecommendation": "Temperature is ideal",
4   "humidity": 89,
5   "WeatherCondition": "Mist",
6   "SpeedRecommendation": "30KM/HR and switch on the headlight",
7   "DescriptionOfWeather": "mist",
8   "visibility": 4000,
9   "RecommendationForVisibility": "visibility range is ideal for vehicles",
10  "WindSpeed": 2.06
11 }
```

In the background, the main interface shows a table of recent events for device 12345, with columns for Event ID and Value. The table lists five events, all with the same ID and a truncated value string. The status bar at the bottom indicates "2 Simulations running".

This screenshot shows the same IBM Watson IoT Platform interface, but with a different event selected. The "Event Payload" modal now displays details for an event with ID 12345 received on Nov 14, 2022 at 9:58 AM. The event payload is a JSON object with the following structure:

```
1 {
2   "CAUTION": "SCHOOL REGION MAINTAIN SPEED LIMIT BELOW 40KM/HR"
3 }
```

The background interface remains the same, showing the table of recent events and the "2 Simulations running" status.



