We will provide you with APIs for four air quality sensors. The task you will have to perform is that for **each (4 in total)**of those sensors, integrate the data into Power BI and build up a dashboard clearly showing the required KPIs. Your final outcome should be 4 reports, one for each sensor, visualising the data from these sensors.

**API Details:**

Here is the sandbox API documentation for the initial data integration with your system of our**demo devices.**

The link for the OIZOM Sandbox Environment is <https://sandbox.oizom.com/documentation>.

Kindly go through the document thoroughly to understand all APIs.

The APIs listed in the document will provide the data of our **Demo devices YG19P0025(Polludrone), YG19D0004(Dustroid), YG19W0001 (Weathercom), and YG19O0005 (Odosense).**

 Detailed API information: Hostname: [https://sandbox.oizom.com](https://sandbox.oizom.com/) Port: 80  Use the credentials mentioned below to invoke the APIs:

1. client\_id  : 392653ab-e91d-4ebe-8396-717a544b8753
2. client\_secret  : q93YZ0meEMKcs0r6q873VQ0XUF2k2Dx7

Steps to use it:

1. In the Login section, provide the following details.

{   "client\_id": “392653ab-e91d-4ebe-8396-717a544b8753”,   "client\_secret": "q93YZ0meEMKcs0r6q873VQ0XUF2k2Dx7”,   "grant\_type": "client\_credentials",   "scope": "view\_data" } This will generate an access token in the response object.

1. This token will be used for authorization purposes in all APIs.
2. To test APIs in our Swagger Documentation, Go to the ‘Authorize’ button and paste this token in the ‘Authorization’ field in the format mentioned: **Bearer <access\_token>**.
3. Click on Authorize. This will authorize user to use all APIs.
4. To use all our APIs add this access token in all API headers as mentioned.  Authorization: Bearer <access\_token>

Attached is the parameter key table document.