

TEST DATA

HOME AUTOMATION & ENERGY MONITORING

Our Test datas are only available in the cloud when our devices are connected to the Cloud.

These are some of our test datas that we have feeded into Watson Cloud.

The screenshot shows the IBM Watson IoT Platform interface. On the left is a sidebar with various icons. The main area has a header with 'IBM Watson IoT Platform' and user information 'debaksen1@gmail.com ID: 1d3rts'. Below the header are buttons for 'Browse', 'Action', and 'Device Types'. A search bar includes filters for 'Device ID', 'Device Type', 'Class ID', and 'Date Added'. To the right of the search bar are icons for trash, download, and navigation. A table titled 'Showing Raw Data' lists five entries. Each entry includes 'Event', 'Value' (a JSON object), 'Format' (json), and 'Last Received' (a timestamp). The table has columns for Event, Value, Format, and Last Received. The 'Value' column contains JSON objects like {"d": {"adc": 6.5300002098}}. The 'Last Received' column shows 'a few seconds ago' for all entries. To the right of the table is a small gear icon.

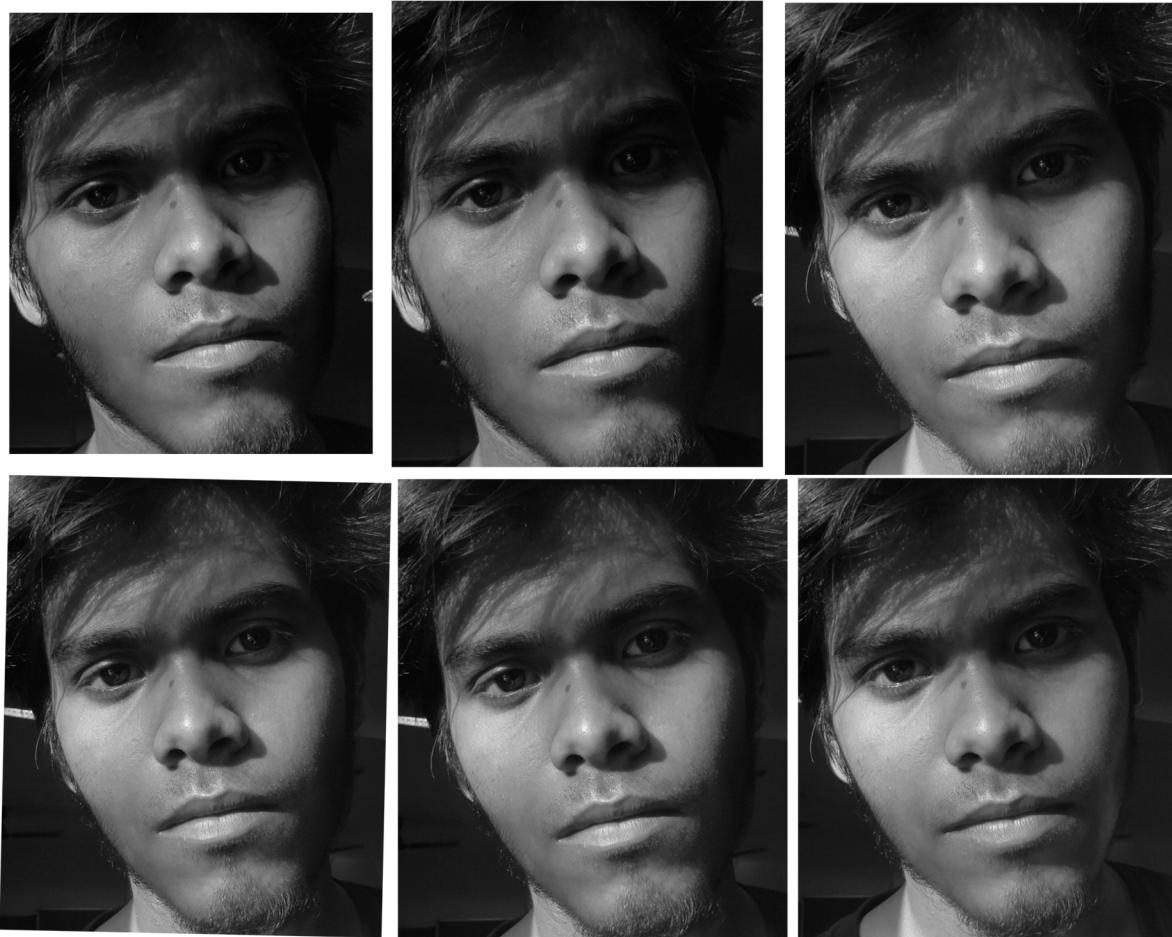
Raw Test datas comming from Node MCU to IBM Watson Platform

The screenshot shows the IBM Watson IoT Platform interface. It features a sidebar with icons. The main area has a header with 'IBM Watson IoT Platform' and user information 'debaksen1@gmail.com ID: 1d3rts'. A blue banner at the top says 'Important Notification' with the text: 'As part of our continuous improvement program, we will be modifying the IP addresses of Watson IoT Platform's messaging endpoints. You may need to take action to ensure your device connections are not disrupted.' It includes a 'Learn how this may affect you' button and a close button. Below the banner, a card titled 'Graphical Representation' is visible. Inside the card, a graph titled 'Current Monitoring' shows a line chart with a pink line and grid. The y-axis ranges from 0 to 5. The x-axis is unlabeled. The line starts at approximately (0, 4.2) and trends upwards to about (10, 5.2). There are three buttons below the card: a blue heart icon, '+ Add New Card', and 'Settings'.

Graphical Representation of the Test Datas
i.e. Live energy usage monitoring

TEST DATA

FACE RECOGNITION DOOR UNLOCK



TEST DATA OF FACES CAPTURED BY PI CAM

They are the set of positive set of datas that the PI has captured. Once the images are loaded and trained as per our code .Then only this faces are able unlock the door.

The Raspberry PI based face recognition door unlock system works on EigenFace algorithm of OpenCV. The above set of datas are fed to our code and they are compared against the set of **200** negative training datas that code contains.