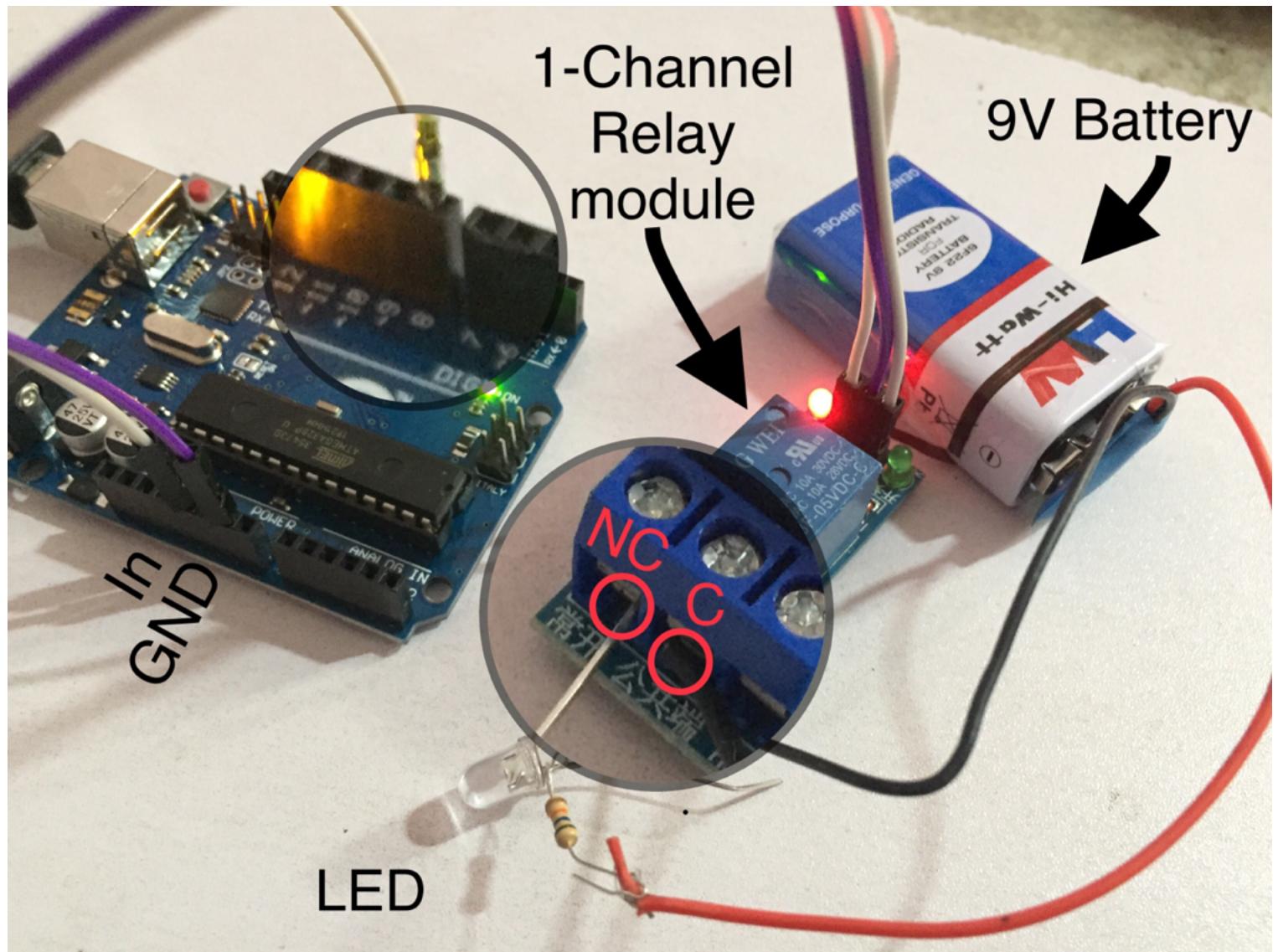


Session-4 Nexiot001

1) 1-Channel relay module LED blink



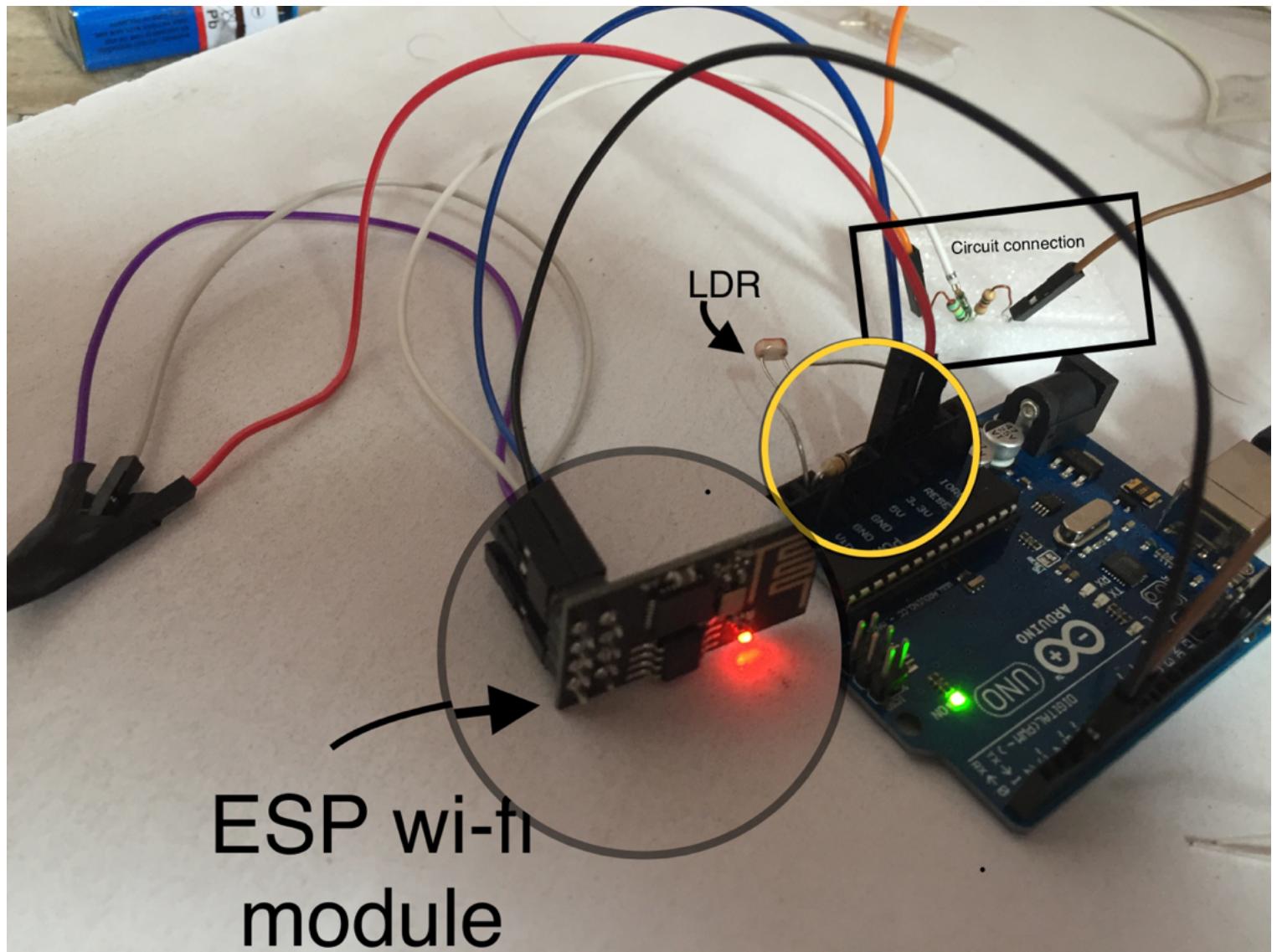
2) Send sensor data to Thingspeak through ESP-wifi using Arduino Uno

AT commands

AT

OK

AT+CWMODE=?



UC 01

Channel ID: 926118
Author: mwa0000016992538
Access: Private

Private View Public View Channel Settings Sharing API Keys Data Import / Export

Add Visualizations Add Widgets Export recent data

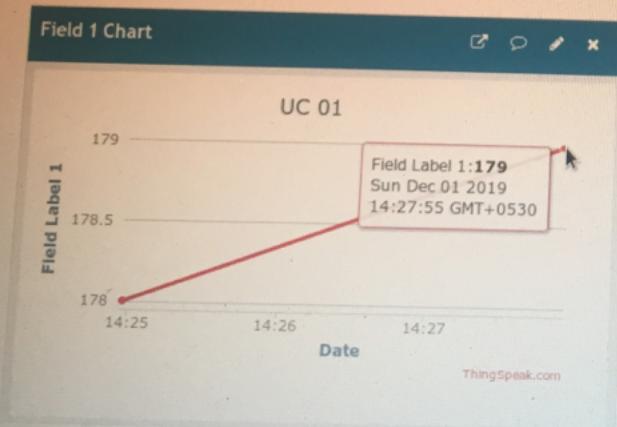
MATLAB Analysis

MATLAB Visualization

Channel Stats

Created: about an hour ago
Last entry: 13 minutes ago
Entries: 2

Channel 2 of 2 < >



```
172
AT+CIPSTART="TCP","184.106.153.149",80
AT+CIPCLOSEQCC?C?Q*?J?H?AT+CIPSTAQT="TCP","182.106.153
TCP connection
Got string
AT+CIPCLOSE
LED goes high
Analog reading
Printing parameter
169
AT+CIPSTART="TCP","184.106.153.149",80
busy .?D?HHU?F?? ?S?5
TCP connection
Got string
AT+CIPCLOSE
```

Autoscroll Show timestamp