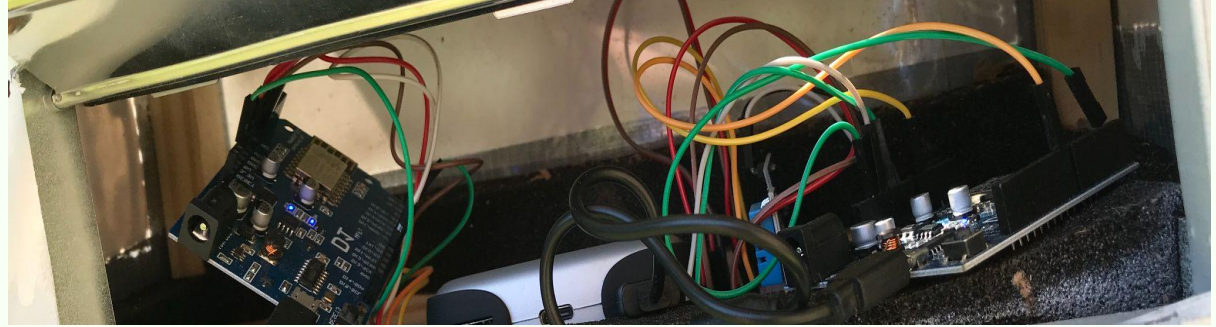# IAL 622
Final Presentation

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April 26, 2020

Sensors Used and Data Collected:

01

- Light sensor - photoresistor
- Air temperature and humidity sensor - Kuman Temperature and Humidity Sensor
- Soil temperature sensor - GAOHOU 2 PCS DS18B20 Waterproof Digital Temperature Sensor with Adapter Module for Arduino
- Soil moisture sensor - Kuman Soil Moisture Sensor Kit

02

Key Challenges:

- Power
- Weatherproof
- Ability to capture light data
- Processing data - grouping and converting some data to categorical variables

My Dashboard

Conclusions and Future Plans

Conclusions

- Light data was very useful
- Interpreting soil moisture data was challenging

Future Plans

- Better power sources - solar
- More compact shape
- Multiple stations