#### Pressure and rain trends over time No. of active sensors (hourly) Measure Names Actual Soil Moisture Predicted Soil Moisture May 2 Hour of Observation Time [2021] Humidity and Temperature over time Apr 25 Apr 26 Apr 27 Apr 28 Apr 29 Apr 30 May 1 May 2 May 3 May 4 Hour of Observation Time [2021] . 토 200 Soil moisture trends over time 100 100 Soi M. 500 50 N 200 S 0 Apr 25 Apr 26 Apr 27 Apr 28 Apr 29 Apr 30 May 1 May 2 May 3 May 4 May 5 May 6 May 7 May 8 May 9 Minute of Observation Time [2021] Soil May 3 Actual Vs. Predicted soil moisture over time Apr 26 Apr 27 Apr 28 Apr 30 May 1 May 2 Hour of Observation Time [2021] Actual Vs. Predicted soil temperature over time 0.6 200 Actual Soil P

Sep 11

Sep 15

Minute of Date-Time [September 2021]

Sep 21

Sep 15

Minute of Date-Time (Xgboost Temperature Predictions.Csv) [September 2021]

Sep 7

Sep 9

Smart Farming System for Soil and Crop Health Monitoring - Insights

Observation Time

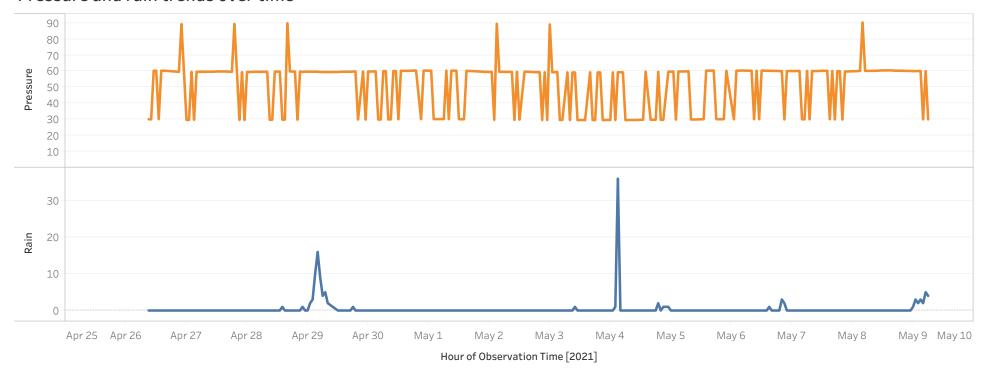
4/26/2021 9:45:00 AM to 5/..

0.1

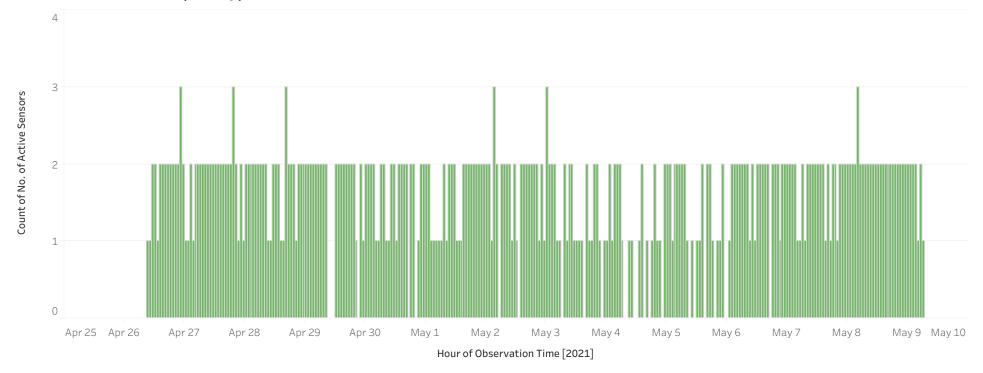
Sep 21

Sep 19

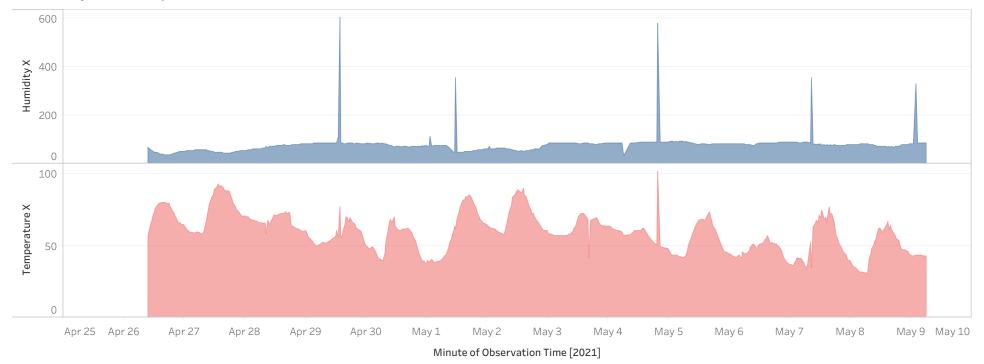
### Pressure and rain trends over time



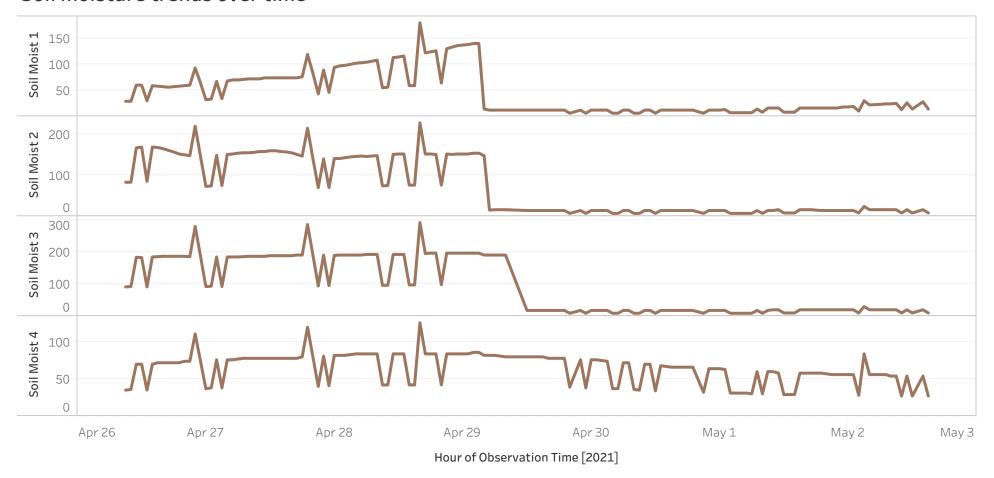
# No. of active sensors (hourly)



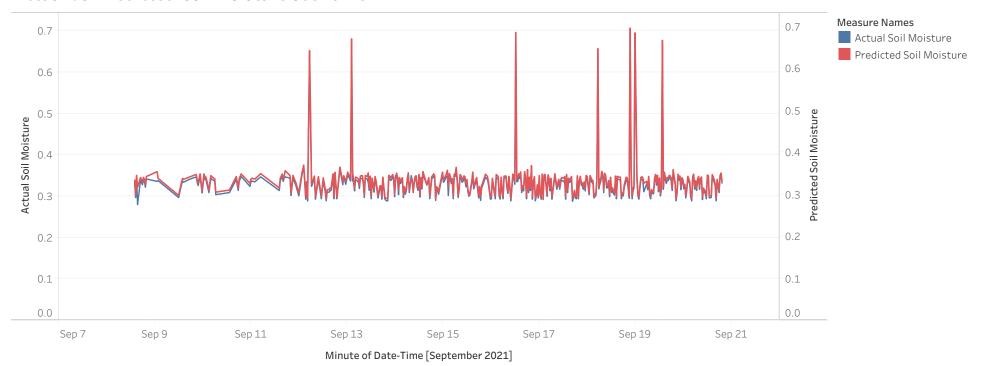
# Humidity and Temperature over time



# Soil moisture trends over time



Actual Vs. Predicted soil moisture over time



Actual Vs. Predicted soil temperature over time

