## Project Description

There has been a large investment of money and time creating a sensor network that scientist can use. This network is for the scientist to be able to gather quality data that will be useful for them to analyze and also allow them to see if any anomalies occur within properties that they develop. The system should also allow for scientist to track if sensors go out of calibration, if any sensors go down, or if something unexpected happens in the field for example snow in July. However, the current system is difficult for the scientist to use, especially if they are not familiar with programming languages. There is also the problem that each sensor may have its own propriety format. So the scientist will need to be able to describe the sensor data format so that it can be changed into a format the system can use to analyze the data with properties that a scientist specifies. For now majority of the scientist will consist of graduate students, but the hope is for the network of sensors to expand across the global where a larger base of scientist can utilize it.