December 2, 2023

data narrative for Github

This data represents November 24 to December first. The platform takes a reading every 30 minutes, so about 48 a day. Notice the “interval nature” of the data. The data is recorded in a step fashion. There are 40 I/O inputs. Which one is stimulated? Then the appropriate I/O is linked to a physical location and that is put in the database. If more than one is stimulated, the higher one is kicked out (I think, the readings are taken high to low; the low value is kept.)

Notice one value seems to be missing. This is seen as 157. Ad adjustment of ten has been added so that this is the i/o linked to 147 . And I see this a I/O 32. I look at the board and wires. The LDR looks fine but the ground side might be loose. I am hoping that will do it. The physical locations, size of the LDRs, etc must be letting the C++ sense 145 instead. If no signal is detected, the data includes an error code.

Does this look random? Maybe not.

The numbers on the horizontal axis are “relative minutes” where 60 minutes is a degree.

This platform pays no attention to magnetic north; it looks for changes.

If this project interests you please contact me.