May 9, 2023

My new project (magnetic north) is probably not primarily computer related. I really needed help before, not so much now. I am using github as a sort of clouyd storage and appreciate ot. I am continually amazed at our new world.

I wanted to put all the pendulum/gravity data into my repository. All the data is 650 Mb in 15 million rows of sqlite3 database. The platform seems to want only 25 Mb at a time, so I suppose this becomes impossible. No worries.

I did dig into the data at some length. I found a creepy correlation between the pendulums in the later data.(I had three essentially identical mechanical pendulums) . There was a statistically significant correlation to the tune of about 200m millionths of a second. I actually sent a note to the local physics department about this.

I tracked temperature with an inexpensive Elijtech monitor. It included humidity. I added in this data and the answer was obvious: the changes in humidity were changing the behavior of the mechanical pendulums. This is all in basement with the dryer and the dryer is not properly vented. I sent an apology to the physics department.

The issue is not totally closed. I would love to turn the whole thing over to an AI package.

John Brigham

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