December 14th 2019

This is an update for GitHub

I am pushing forward with this project. I have some time and like it. Programming is very creative and rewarding.

This is like walking into a Chinese restaurant, in China, and expecting to talk with people. Python is like a regular language. It has lots of weirdness. There is stuff to understand, but it is mostly just weird Idiosyncrasy. (that is spelled with a ‘syn’. I like that word and should know how to spell it.)

There are about 3 million numbers in about 25 databases. Originally, I wanted to start by combining all the databases. But I am changing my mind. The results need to go into one database, but the data can be added one database at a time.

For example: I have a Python program the pulls the data one day at a time; let’s say midnight to midnight. It calculates an average, and a standard deviation. (there are about 7000 numbers per day. This is 1 out of 19 numbers generated) This goes into a database next to the dtetime stamp. So, I run the first database through this, then the second, then the third and so no. This seems like a simplification with an acceptable price.

The interval should be operator driven. For example. The software would prompt the user for an interval. Interval = Input (“enter the length of the period”). Maybe not. I am not sure.

(another search might be 4-5 in the morning and 4-5 at night. This might need to be hard coded into the script.)

I have an acceptable handle; SELECT \* FROM database where column\_one is between ‘this time’ AND ‘that time’. But the time stamp (column\_one ) is a string and cannot be treated like a number.

I think I am going to have to do string manipulation to make it work. I have done that in Perl and ought to be able to figure it out. I have no confidence that this the best way, but see no other alternative.

So, the SELECT takes a variable. The variable is made with string manipulation. A user interface seems like a poor return on software development time.

This is first.