TI-Nspire™ Software Script

Collecting data using Vernier DataQuest® (Tutorial F1)

http://www.atomiclearning.com/k12/en/movie/86426/play_window?type=Tutorial&sid=2421

[00:00:00.00]
To collect data using the Vernier DataQuest application,
I'll insert the application into a new page by clicking

[00:00:08.00]
Insert, then choosing Vernier DataQuest. You can also start
by plugging a sensor into your computer, and that automatically

[00:00:17.00]
inserts the Vernier DataQuest application into a new page.
I'm using the Go Temp Temperature sensor, so now I'll plug

[00:00:27.00]
it into my computer's USB port. At this point, it's a good
idea to reset the sensor defaults. This ensures the default

[00:00:37.00]
data collection mode and settings are set for the connected
sensor, and it also removes any existing data. In the Document

[00:00:47.00]
Tools, I'll click Experiment, New Experiment. I'm currently
in Meter View, the Meter tab is selected on the left side,

[00:00:59.00]
and I see a read out from my connected sensor over to the
right. To begin data collection, I'll click the Start Data

[00:01:08.00]
Collection icon in the lower left corner. It looks like
a little Play button. When I click the mouse, I begin taking

[00:01:17.00]
measurements and adding data points. Once I'm done collecting
data, I can just click the Stop Collection button. Each

[00:01:27.00]
supported sensor has its own data collection rate and the
standard number of data points collected. I can see that

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[00:01:34.00]
the data was successfully captured. The Graph View tab
is now automatically selected toward the left side, and

[00:01:43.00]
there is a graph of my data over to the right. I can also
view my collected data in Table View, by moving my pointer

[00:01:51.00]
over the Table View tab on the left side, and clicking
on it. It's possible to store this data run so I can review

[00:01:59.00]
this data at a later time, or I could just start collecting
data again by pressing the Data Collection button, if I

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want to overwrite this current data. To store this data
run, I'll move my pointer over the small file cabinet icon

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toward the lower left corner, and click on it, to store
the data set. Now, I can start another data run.

[00:02:28.00]