

# Working with Timelines

*In this tutorial, we will show you how to work with timelines. We will be using this project [[http://isenseproject.org/projects/460/data\\_sets/](http://isenseproject.org/projects/460/data_sets/)] as a sample project, so feel free to click the link and follow along.*

## **Introduction**

Let's take a look in the "Timeline" tab. If you used timestamps in your project, you can view your data as it changes over time. It will be automatically linked together by lines so you can easily see the trends in your data. Hover over them with your mouse to see the details of each point.

## **Customizations**

If you have more than one group, they will both show up on the graph. Click on "Groups" to choose which ones to hide or to change the color of a line with the color picker tool. The X-Axis shows you time. The Y-Axis shows you anything you want! Just choose from the list and it will plot the data on the timeline automatically.

## **Tools**

Under "Tools" you can zoom out on your graph. To zoom in, simply click and drag to draw a box over the spot you want to zoom in on. Under "Analysis Tools" you can create a trendline. With a trendline, you get a good mathematical approximation of your data. You can select which type of line you want. For instance, if your data looks like a straight line, choose "linear". Here, if we choose "Automatic", we see a nice curve that follows the ups and downs of the temperature quite nicely.