

Working with Scatter Plots

In this tutorial, we will show you how to work with scatter plots. We will be using this project [http://isenseproject.org/projects/106/data_sets/] as a sample project, so feel free to click the link and follow along.

Introduction

Let's take a look in the "Scatter" tab.

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 the points. Here, we only have one selected. A scatter plot is a lot like a timeline, but it can plot any types of values against each other. On the left side panel, choose a data field for the X- and Y- axes. For example, if we select "runs" for the X-axis and "wins" for the Y-axis, we can see that the baseball teams who score the most points tend to win the most games.

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. You can also change the axis bounds for a very specific zoom. For example, here it looks like most of our values lie between 600 and 800 runs, so let's set that axis size to get a clearer picture by entering in that range under the "Axis Bounds" header under the "Tools" tab at the left. If it makes more sense for your data to be connected with lines, you can select that option under "Display Mode". 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, like ours does, choose "linear".