

Adding Data Points from Templates

In this tutorial, we will show you how to add data points to your project from a template.

Uploading Data Sets from a File

You can add data from a pre-existing file on your computer. However, the file that you upload has to be a .csv file, and the file has to be formatted such that the first row of each column of data is labeled similarly to the fields you have on your iSENSE project. You can save an Excel spreadsheet as a .csv file by selecting the “Text CSV” option when saving your Excel spreadsheet. Also, there can't be any commas in ANY of the cells in your spreadsheet. This is VERY important, and your data will get very messed up if you don't do this. For more information on formatting your files which you wish to import into iSENSE, check out our [Formatting Imported Files](#) tutorial. To add data from a file, click the “Upload File” link. Navigate through the files on your computer until you reach the file you want, clicking “Open” to add it to iSENSE. This will bring you to a page where you can review all the data fields that are being imported. This is new: what does this “Match Quality” column mean?

Field Matching: Good Names

Basically what this column does is look at the column headers in your .csv file and try to match them with the fields that you have in your iSENSE project. This is very easy if you name the columns in your file similarly to their corresponding fields in your project. If a name in your template matches with a field, a green good label will appear in the match quality column.

Field Matching: Bad Names

The Match Quality column is much more warmly colored when you do not have names in your template which match with your fields, displaying either a yellow poor label, or a red no match label for each bad name you have. However, it is easy to match your columns with their corresponding fields. Just click on the dropdown menu for each badly matched row under the “File Headers” column, and select whichever column heading matches the field. This process is tedious, so do try to name your columns well. It may be a good idea to double check that all your fields match whenever you add data from a template.

Field Matching: Extra/Missing Fields

You may find yourself asking: what if I am trying to add from a file that does not have the same number of fields as my project? If this is the case, when you match up your columns, you will simply not have the option to upload all of your columns, only the number appropriate to your fields. If you are trying to upload data from a file that has one less column than the number of existing fields in your project, iSENSE will simply try to match this extra column with an existing field in your project. This could result in unexpected data, so try not to do this.

Uploading Fields from a File

You can also upload fields from a template. It should be simple and familiar now that you've uploaded data sets from a file. Let's start from a blank project so that we can add in all of our fields from the template. Click on the green "Upload File" button under the "Fields" header, and choose a file which contains all the fields you want to be in your project. Again, this file must be in .csv format. Click open to import. iSENSE will try to guess which type each field should be, and is pretty good about it, but be sure to check that all the field types are appropriate for each field. Since your file need not only contain the column headers, and may also include data, the file is considered a data set. To save, change the name of your data set if needed and click "Submit". If you again return to your project's page, you'll notice that the file you uploaded your fields from also occurs under the "Data Sets" header.

Side Effects on Fields

One of the products of adding data sets is that you can no longer delete fields of which your data sets are a part. For example, I can't go in and delete the Size field now, because I already have a column of data associated with that field. If I really want to go in and delete that field, I'd have to delete the applicable data sets first. You can add fields no problem once you've added data sets, with the only side effect being that pre-existing fields will not have any data associated with this new field.