The map will display fires, current inspections, and potential inspections from the properties in your database, in the list generated through the property-joins and risk-model repos. However, as soon as there is a new fire or new inspection, that list will become outdated. Therefore, we have set up a pipeline for the map to be updated as new information comes in.

First, a bit about how the map “takes in” data.

* In its current state, the site is hosted on the Georgia Tech server, which also provides us space to host a database as well.
* We are using a SQL server that holds two tables of data - one for the Current and Potential Inspections (from Property\_list\_short.csv), and the other for Fire Incidents (from AFRD\_SQL.csv).
* The Javascript code in our Map (index.html) runs a function that uses a PHP file to query the SQL server (SQL\_query.php). This query returns a result in the form of a JSON, which is then used in the main Map script to display the points on the map.

To set up the data back-end to work on your server, follow these steps.

1. Create an SQL database. You should be able to create one on your server.
   1. Change the $database variable in the SQL\_query.php file to match that name.
2. Create two tables in that database. One will hold the Current\_And\_Potential\_Inspections, and should have 40 columns. The other will hold the Fire\_Incidents, and should have 10 columns. These are the number of columns in the two CSV files you will be importing into them.
   1. Label them with the names indicated above, with underscores. If you decide to change them, change the queries in the SQL\_query.php file as well.
   2. Also, if you decide to change the number of columns in the CSV source files, be sure to change the columns in the SQL server as well.
   3. See attached Figure 1 for a list of the names and “types” of values for each of those columns.
3. Click Import and import the appropriate CSV files into the appropriate tables. Be sure to skip the first line so you do not import the headers into the table.
4. Open the map website!

To update the map with new data

1. Go to the table in the database that you want to update.
   1. Click on Operations (if you’re using PHPmyAdmin for database management).
   2. Click on “Empty the table”, or TRUNCATE to delete the entire CSV from the table. (Be sure you actually want to do this.)
2. Import your updated CSV, being sure to skip the first line for headers.
3. Refresh your Map site!