No Fuss Data Visualizations with Sheetsee.js

1) Links & Documentation

Presentation Slides

http://www.tinyurl.com/sheetseeworkshop

Main Sheetsee Website w/Demo

Basic Instructions: **http://jlord.us/sheetsee.js/docs/basics.html**

Table Demo: **http://jlord.us/sheetsee.js/demos/demo-table.html**

Amy's Example Site (Foundation Framework used for layout)

Simmons Library Stats **http://beatleyweb.simmons.edu/sandbox/sheetsee/**

2) Hands-On Setup (Use Google Chrome)

Get the Link to Google Sheet Sample Data

Use this data in your trial. You can also create your own Google Sheet if you prefer/have time. The red text is what you'll enter in your code.

https://docs.google.com/a/simmons.edu/spreadsheet/ccc?key=0AiyNu1silQeAdDMxYXI2VHEzXzVsVGNtdVc5TnlZTXc&usp=drive_web#gid=0

Using Mozilla Thimble? (If using your own web space refer to other side.)

1) *Sign-up for a Mozilla Thimble Webmaker account. Follow these instructions:*
    a. Click the "Join Webmaker" button on **http://thimble.webmaker.org**.
    b. Enter in your email address, check the "I agree box," then click the "Join" button.
    c. Enter a username for your Webmaker sites and click "Create Account."
    d. Click the "Let's Go" button to begin.
2) *Open a new tab and copy Amy's Mozilla Thimble Demo Page using the "Remix" button.*
    https://amyhannah.makes.org/thimble/LTQyMzAzNDYyNA==/sheetsee
3) *The Thimble Editor will launch. You should see the code on the left and the preview on the right. Scroll to the bottom of the code (line 151) to see where the Google Sheet is called.*
4) *Move on to the suggested next steps in the "Hands-On Customizations" section.*

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Using Your Own Web Space? (If you don't have your own web space refer to other side.)

1) *Download Sheetsee Code from Github (use the "Downlaod ZIP" button on the left).*
   https://github.com/jlord/sheetsee.js/

2) *Unzip the package and upload the entire sheetsee.js-master folder to your web space.*

3) *Navigate to the location of your Sheetsee table demo (this should look like* [yourwebspaceaddress]/sheetsee.js-master/demos/demo-table.html*), in Chrome and make sure you can see the data tables with information about the pennies.*

4) *Edit the demo-table.html file. After the* **"function showInfo(data){"** *line, add this line:* **console.log(data);** *. This will allow you to view the array from the Google Sheet in the browser console.*

5) *Move on to the suggested next steps in the "Hands-On Customizations" section.*

3) Hands-On Customizations

Everything Working? Great! Here are some more things to try.

1) *In Chrome, open the Developer Tools and navigate to the "Console" tab. Scroll down to find the JSON array containing the data from the Google Sheet. You may have to expand the "Object.." line.*

2) *Create your own Google Sheet and add some data. Review the spreadsheet set up tips in the Sheetsee Basics page (***http://jlord.us/sheetsee.js/docs/basics.html***). Try changing the 'var URL' value to your own sheet's unique ID. Update the table template with your own column headings (the column headings are noted by the {{}}. See if you can view your data in the browser. Need help? Go to this link, view the source and read the "AMY" comments; they are ordered 1-4.*
   http://beatleyweb.simmons.edu/sandbox/sheetsee.js-master/demos/demo-table.html

3) *Add additional single data points by writing additional Javascript at the bottom of the page and use the Developer Console to find the names of the data points (from the spreadsheet). You should be able to copy/modify from Amy's Example Site (link in the "Links & Documentation" section, scroll to the bottom of the source code).*

4) *Build a pie chart or line graph. Instructions are on the Sheetsee github page:*
   https://github.com/jlord/sheetsee.js/blob/master/docs/sheetsee-charts.md

5) *If using your own web space, update the .js files included in the header to your own copies on your own webspace (rather than the sample code links). You may have to download them separately if they weren't included with the Sheetsee.js package.*