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VisualEyes: Display raw data in a manner appeals to the eyes

Automated Testing:

After talking to Alex we decided that we would try to get our project to work without hard coding a json as it is nearly impossible to automate test with a hard coded json. Well long story short we got it work without a hard coded json but we ran out of time to get an automated test to work correctly. But looking at the cvs file and the output it is the correct output but here is pseudo code.

Pseudo code 1.

```
If node "University of colorado" has children nodes.  
    If children nodes = 9  
        return true  
    else  
        return false
```

Pseudo code 2.

```
If node "School of arts and science" has children nodes.  
    If children nodes = 50  
        return true  
    else  
        return false
```

The pseudo code is checking to make sure that the children of each category exists with the correct number.

Below is a grep command check to make sure the hard coded json has the correct number of children which it does.

```

~/Desktop on [?]master! 11:39:15
$ egrep "name" flare.json | sed -n "/College\ of\ Arts\ and\ Sciences/,/Leeds/p"
"name": "College of Arts and Sciences",
  "name": "Anthropology"
  "name": "Applied Mathematics (A&S)"
  "name": "Art and Art History"
  "name": "Asian Languages and Civilizations"
  "name": "Asian Studies"
  "name": "Astrophysical and Planetary Sciences"
  "name": "Atmospheric and Oceanic Studies"
  "name": "British and Irish Studies"
  "name": "Central and East European Studies"
  "name": "Chemistry and Biochemistry"
  "name": "Classics"
  "name": "Cognitive Science Studies"
  "name": "Comparative Literature"
  "name": "Computer Science (Arts & Sciences)"
  "name": "Ecology and Evolutionary Biology"
  "name": "Business and economics presentation"
  "name": "Economics"
  "name": "English"
  "name": "Ethnic Studies"
  "name": "Film Studies"
  "name": "Foundations of Western Civilization"
  "name": "French & Italian"
  "name": "Geography"
  "name": "Geological Sciences"
  "name": "Germanic & Slavic Languages & Literatures"
  "name": "History"
  "name": "Eaton Humanities"
  "name": "Humanities"
  "name": "Integrative Physiology"
  "name": "International Affairs"
  "name": "Jewish Studies"
  "name": "Lesbian, Gay, Bisexual, Transgender and Queer Studies"
  "name": "Linguistics"
  "name": "Linguistics"
  "name": "Molecular, Cellular and Developmental Biology"
  "name": "Museum and Field Studies"
  "name": "Neuroscience"
  "name": "Peace and Conflict Studies"
  "name": "Philosophy"
  "name": "Physics"
  "name": "Program for Writing and Rhetoric"
  "name": "Psychology"
  "name": "Quantitative Finance3"
  "name": "Religious Studies"
  "name": "Sociology"
  "name": "Spanish and Portuguese"
  "name": "Speech, Language & Hearing Sciences"

```

```

~/Desktop on [?]master! 12:10:16
$ egrep -n "name" flare.json | sed -n "/College\ of\ Arts\ and\ Sciences/,/Leeds/p" | wc -l
52

~/Desktop on [?]master! 12:12:16
$ egrep -n "name" flare.json | sed -n "/College\ of\ Arts\ and\ Sciences/,/Leeds/p" | wc -l

```

User Testing:

The User Testing have been posted in there own PDF's as copy and pasting the charts between word documents seemed to mess them up.

VCS:

<https://trello.com/b/Dl8lZufM/to-do>