DOCUMENT EVERYTHING

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Overview

- What To Document?
 - Where did you get the data?
 - How to Store the Data?
- Our Project
- In Summary

Where did you get the data?

The location of where your data is from is very important to document. In the data frame used in the NC Voter project had 4 sources of data. As you will soon see we did not document the data well.

When documenting where your data is from, be sure to include how you got it. Did you have to click on multiple tabs within the page? Was it a direct url? How often is the data changed?

Where Our Data Was From

- NC Voter Info Site
 - Easiest site to use of the bunch
- US Census Bureau
 - Not a good idea to use this site. In fact DO NOT use it. It is miserable
 to search through and very hard to find a simple file.
- Two Church sites
 - Not as bad to use. However we did not document the location within the site so finding the data has proved difficult.
- North Carolina Education site
 - Also not to bad to use. Again we did not document where in the site the data was.

URL's of the sites we used

NC Voter

http://www.ncsbe.gov/

Census

http://factfinder2.census.gov

Churches

http://www.thearda.com

Education

http://collegestats.org/colleges/north-carolina

How to Store the Data

- Pick one place for all group members to store the data
- Don't use 1 billion different locations to store the data, like we did.
- Label any changes you make so all the group can see.
- Date all changes

Screen Shot 1

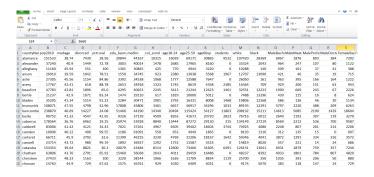


Figure: A portion of our data

Screen Shot 2

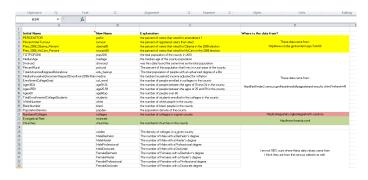


Figure: Our variable table

Screen Shot 3



Figure: One of our messy folders

What to take away

Large data sets can seem difficult to manage but with appropriate storage techniques it can be quite easy.

Once all the data is stored the resulting R package will use what you've done to make is user friendly to anyone wishing to do analysis with it.

The End