Day 7: Calculating Diversity I

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Goals Today

- Continue work on census data
- Preview Graphing and Map-Making
- Have time in class to work.

Preview of Plotting Graphs and Maps

Do the following notebooks work for you to show basic graphics?

- Day_07_A_D3_Choropleth.ipynb
- Day_07_B_Google_Chart_Example.ipynb

*Day_07_C_Google_Map_API.ipynb

*Day_07_D_Matplotlib.ipynb

If not, please post on bCourses about problems you see.

Census has lots of interesting data

Day_07_E_Census_fields.ipynb is an exploration of the concepts and variables in the 2010 Census.

The heart of today's work

- Day_07_F_Groupby.ipynb

and

- Day_07_G_Calculating_Diversity.ipynb

Assignments / Homework

- I expect you to review all the notebooks so far and pinpoint what you do and don't understand.

What you should be able to do by the end of working through Day 7:

- calculate the total population of Whites, Blacks, Hispanics, Asians, and Other in all 2010 Census Places.