Tomorrow’s Energy Today; Solar Energy in the United States

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Project Description/Outline:

What variables effect solar usage in the cities of the United States.

Research Questions to Answer:

Is there any relation to education and solar usage?

Is household income related to the usage of solar energy?

What city and states are using solar the most?

Does population density and solar usage relate?

Datasets to Be Used:

<http://web.stanford.edu/group/deepsolar/map.html>

US Census API

Rough Breakdown of Tasks:

* Extract data from deep solar
* Extract data from census
* Merge census data with deepsolar
* Make dataframes with different predicaments
* Make visualizations of data collected from the dataframes using charts and maps