Meet CONVERGE Data Ambassadors
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Publish Your Data! Learn How to Use DesignSafe and
Meet the CONVERGE Data Ambassadors
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DesignSafe Example: End-to-End Capability

Project team included two PhD students - project took about 2 months from start to finish.

Rosenheim, Nathanael; Day, Wayne; Seong, Kijin (2021) "Automated Neighborhood Characteristics for Community Resilience Planning." DesignSafe-CI. https://doi.org/10.17603/ds2-hj0p-bp40.

Project files developed and created in DesignSafe

process to obtain, clean, and explore census block group data. The data outputs include csv files required to run a post disaster population dislocation model currently in use by IN-CORE. This project applies the code to six community testbeds (Seaside, OR; Joplin, MO; Galveston, TX; Lumberton, NC; Memphis MSA; and Mobile, AL) to illustrate the generalizability of the code. The code utilizes Census API and may be modified to identify some of the socio-demographic and socio-economic characteristics of a neighborhood's social vulnerability.

PRJ-2978

☑ Name	Size	Last modified
☐ w _ReadMeFirst_CensusAPI_BlockGroup_2021-01-19.docx **README**	79.9 kB	1/28/21 1:37 PM
☐ 🗋 IN-CORE_ACSdata_BGMAP_2021-01-19.ipynb **Jupyter Notebook**	1.7 MB	1/28/21 1:37 PM
☐ ■ IN-CORE_BGMAP_2021-01-19 **Data**	--	1/28/21 1:22 PM
☐ 🗋 IN-CORE_BGMAP_2021-01-19.ipynb **Jupyter Notebook**	6.5 MB	1/28/21 1:37 PM

Project Developed Within Jupyter-DesignSafe

Notice that internal project folders do not have to be published.

Jupyter Notebook uses Python - Free and Open Source
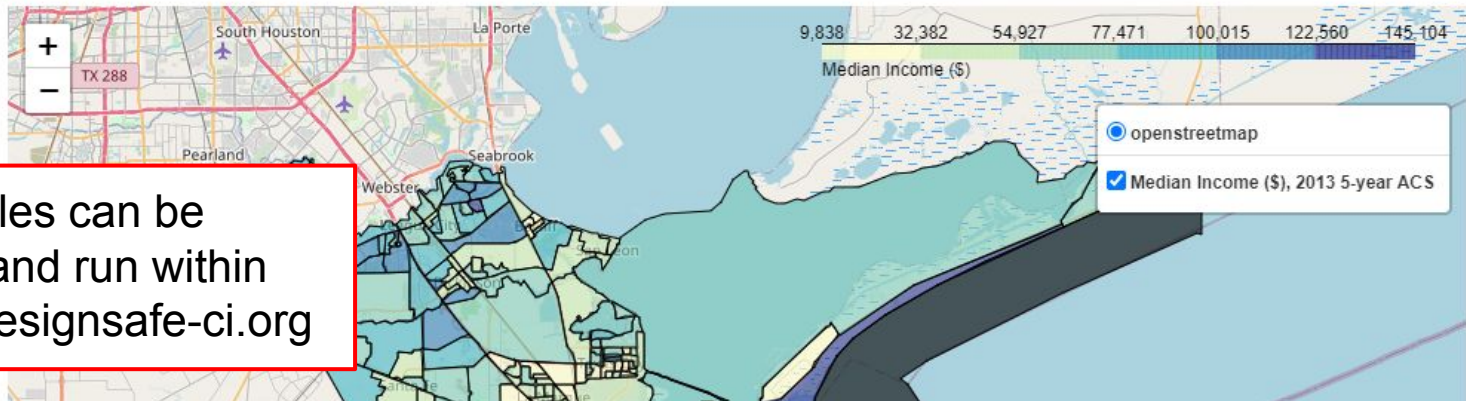
Python files can be opened and run within jupyter.designsafe-ci.org