Pseudocode

Data Acquisition
- California shapefile
- Census tract shapefile
- Fire events
- Building dataset
- Burn probability
- Weather conditions
- Land cover
- Population count / density by census tract

Import into GeoDataFrame

Creating MCE
- Select normalization that makes sense for the variable upon examining the data
  - Normalize 0 lowest risk 1 highest risk
- Assign weights to variables

Analysis
- Run MCE on census tracts in LA

Geovisualization
- Create output maps using shapefiles produced by code
  - Export shapefiles
- Display data for top five most at risk/vulnerable census tracts (for policy/stakeholder brief scenario)
- Histogram of index distribution across census tracts