Data needed

1. Computer Generated Building Footprints, buildings used will be Texas – These are deep learning generated buildings Microsoft has made covering the United States that are open source.

<https://github.com/microsoft/USBuildingFootprints>

1. Estimated Base Flood Elevation for the state of Texas to show flooded areas- Flood risk info report is used to estimate base flood elevation and approximate flood depth from gridded datasets from flooding models.

<https://webapps.usgs.gov/infrm/estBFE/>

1. Coastal Depth- Damage Curve (excel file) used to calculate the damage- data showing flood depth, still water depth, building ddf, contents ddf, displacement ddf and more to help calculate what the cost of damage would be from flooding.
2. Texas Digital Elevation Model--data showing elevation and topography of Texas at a 1-meter resolution. This elevation can be assigned to building footprints if necessary to calculate flood depth.

<https://index.nationalmap.gov/arcgis/rest/services/3DEPElevationIndex/MapServer>

<https://www.usgs.gov/core-science-systems/ngp/tnm-delivery>