WEATHER & CLIMATE IMPACT ASSESSMENT FOR PROPERTY

Create a web or mobile application that helps potential property owners/buyers to understand risks in the area they are living or looking to buy a home or business. This might include things like crime and/or weather patterns such as tornadoes, hail, floods, large destructive storms, climate change trends, and/or other natural disasters. Using this data, the potential property owners/buyers could better understand the risks they are taking now and (perhaps) in the future. This could help them compare two or more properties and choose the one that is more suited for them. This could also help them when selecting insurance coverages for their home/business policies to mitigate potential risks they are taking.

Storm & Flood data is available from NOAA for free.

Potential Data Sources to use:
Crime: https://crime-data-explorer.fr.cloud.gov/api
Weather/Climate Data: https://www.ncdc.noaa.gov/
Disaster Data: https://www.fema.gov/about/openfema/data-sets
Climate Change Data: https://github.com/KKulma/climate-change-data#apis
Flood: http://nationalflooddata.com/flood/floodapi/
Environment Data: https://www.epa.gov/enviro/envirofacts-data-service-api
Various: https://rapidapi.com/
Various: https://www.data.gov/