

Dax Wilson and Kincaid Calkin

ECNS 460

Project Proposal

### **Topic Description**

Extreme weather events seem to be happening more frequently, take Hurricane Milton for example. This is an important factor to consider when deciding where one wishes to reside. We wish to look at the extreme weather events in a particular region/state in order to determine where a person may be best suited to live. We are thinking of using Florida as an example because of the current hurricanes there. We were thinking of creating an interactive app that displays historical data on extreme weather/natural disasters to potential home buyers. We may also implement what future models may suggest

### **Tentative Analysis/Product Plan**

We are building a product - hopefully some sort of interactive web app. Our goal is to display historical data on natural disasters and extreme weather events to potential home buyers. This will be displayed in a layout where one can search by zip code or county. We will first determine which state/region we will focus on. The next step will be to gather data, where we will work to build data sets and fill in gaps as we proceed. We anticipate the greatest challenge to be putting weather data into relation with county/zip code.

