Assignment 1 GIS

Task 2:

Step 1: Datasets

The 2-vector dataset that were used are of Louisiana roads and buildings:

<https://data.humdata.org/dataset/hotosm_usa_louisiana_roads>

<https://data.humdata.org/dataset/hotosm_usa_louisiana_buildings>

The raster dataset consists of the Louisiana flood imagery:

<https://geodesy.noaa.gov/storm_archive/storms/aug2016_lafloods/index.html>

Step 2: Screenshot

Graphical user interface, application

Description automatically generated

Step 3: Reflection

For this exercise I decided to use the Louisiana floods dataset. The software was easy to use and helped to understand concepts like layers, implementing geodatabases, searching for data etc. I didn’t run into any problems while working with software. Using the datasets, I was able to see the damage the flooding had caused by viewed that area on the map and the layers. The roads dataset helped in marking the roads that were covered in the flood. For the final project I might plan to do a detail analysis on a certain disaster but have decided anything yet.