Geo Data Dash Testing Instructions

**Deploy the Application in SAM**

1. Deploy SAM template using the ‘samtemplate.yaml’ file. Search for ‘GeoDataDash’

- This configures a static website bucket to host the application code

2. Go to the link below and download the zip file which contains all necessary code files and data.

<https://s3-us-west-1.amazonaws.com/geodatadashsourcecode/gd2.zip>

3. Extract code from zip

4. Upload the files within the zip folder to the root directory of website (don’t drop the entire folder in)

5. Add a bucket policy to the bucket created in step one to make all objects public.

<https://docs.aws.amazon.com/AmazonS3/latest/dev/WebsiteAccessPermissionsReqd.html>

6. Click on the link under Properties > Static Website Hosting for the deployed bucket.

7. Use the app!

If you run into issues with deploying the app, here’s a link to version hosted on my bucket <https://bit.ly/2y5VKqH>

**Use the Dashboard**

Here’s a link to where the chart metrics were collected from

<https://polarisproject.org/sites/default/files/Typology%20and%20Intersections%20Matrix.pdf>

1. Click a layer on the left-hand side to view states, counties, or cities.
   1. Alerts, trends, and hotspots are not enabled.
2. Click a feature on the map to display the human trafficking reports for that area.
   1. This currently only works for states and counties.
   2. The application may be a bit delayed as it has to fetch relatively large geojson objects.
3. Explore the updated charts at the bottom of the page.
   1. You can hover over and get counts on the individual metrics.

**Add a Report**

1. Click on ‘Create’ to enable the report fields and map.
2. Fill out each field.
3. Once the report is filled out navigate to the area on the map you want to record the report and click.
4. Then click on ‘Save’
5. It will take a few seconds for the ‘Save’ button to return back to ‘Create’. Once this happens, click on the ‘Dashboard’ tab.
6. Upon loading the dashboard tab, you will see an alert that encompasses the area of all the nearby points that met the threshold. A popup will display alerting you to possible trafficking.