

Project Athena. (Agentic Geographic information system)

So in my project we want to build a gotham like project that can view and analyze data from the UN. it should bring this data into an interactable global map. After that happens users can click on things such as which places are safe, which places are worrisome and looking into and which places are in crisis. The colors should be green yellow red respectively. People should be able to look at what is happening in the world and immediately tell what actions should be done next in order to thwart them. The prompt says we can allocate money. But we should do more than just allocate money.

We need to use databricks. Go crazy with this. They were kind enough to give us unlimited credits so we would like to integrate this into our workflow.

React Map Gl so we can see the global map code. (they even have fog and background).

```
import Map from 'react-map-gl'; function UNGlobe() { return ( <Map initialState={{ longitude: 0, latitude: 20, zoom: 1.5 // Zoom out to see the sphere }} style={{width: '100vw', height: '100vh'}} mapStyle="mapbox://styles/mapbox/dark-v11" // Dark mode is very "Gotham" projection="globe" // This is the magic line /> ); }
```

Finally we need some kind of pipeline that can scrape old data and get new ones from the UN HDX site.

The requirement was to use the financial tracking dataset to our advantage and create a visual queue of where money needs to go to.

We should be able to go from glob view

LAST BUT NOT LEAST:

If we have time we would like to integrate an agent into this so that we can use voice to speech to talk to the LLM like “Athena, show me all the areas with wars going on”. Or “Athena where there are areas of high impact warfare so we can analyze what is going on”. So on and so forth.

