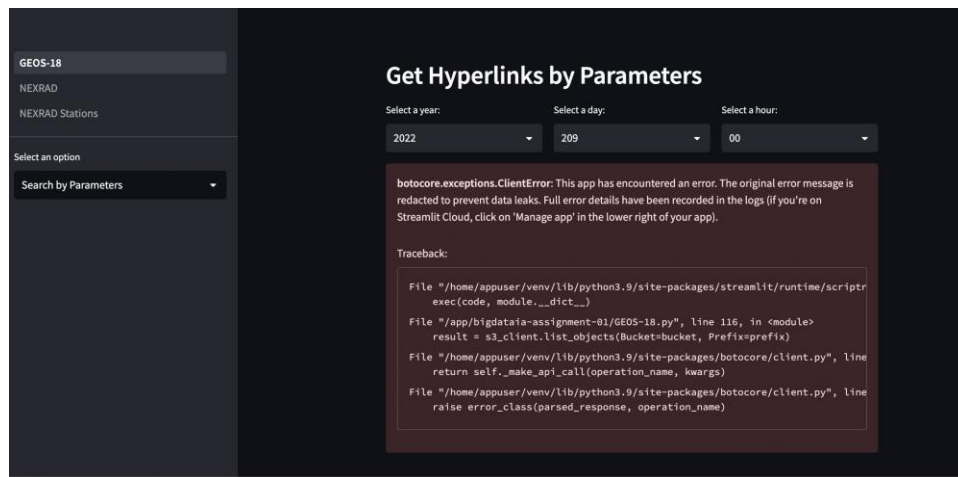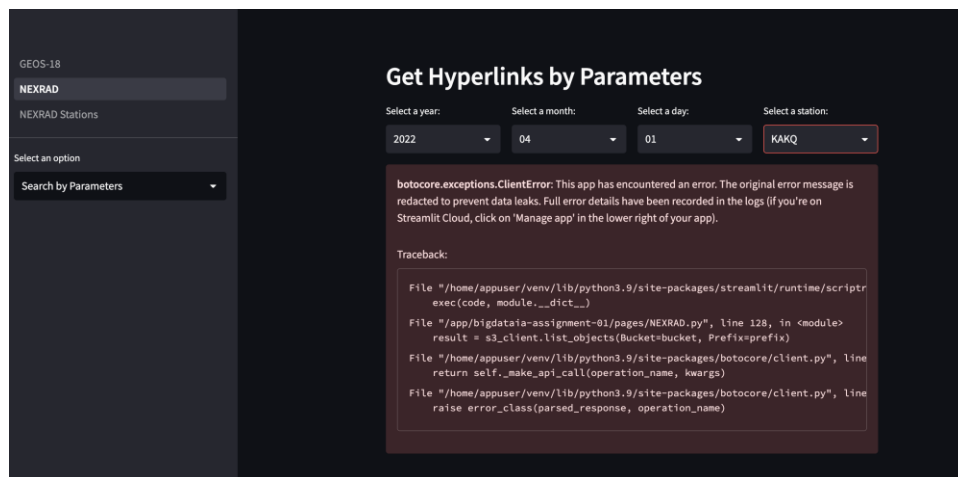END USER REVIEW FOR TEAM 4

1. Initially, when the streamlit application was accessed we encountered the Botocore exception client error for each of the pages. For the hyperlinks to be generated by parameters got an exception for the boto.
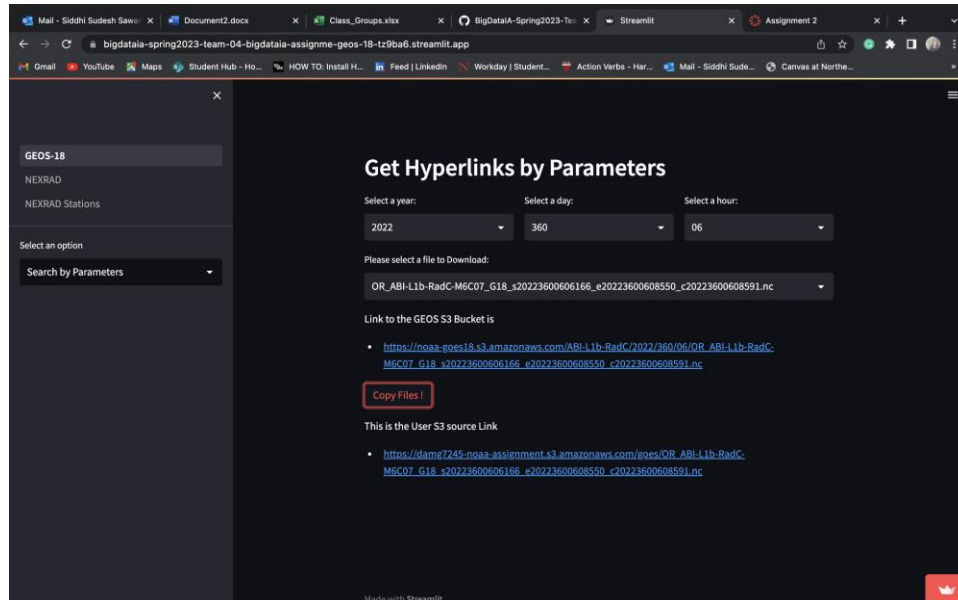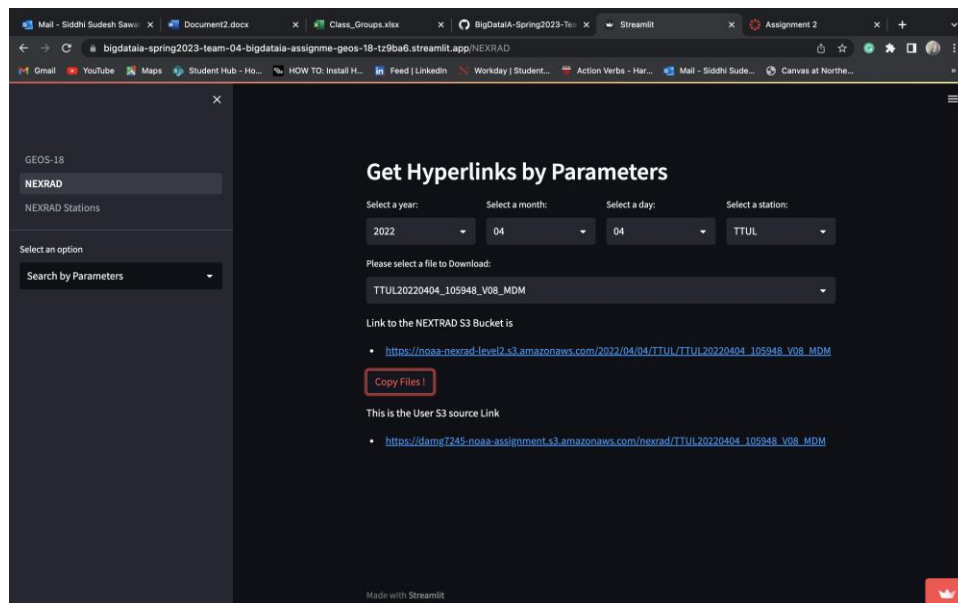
GEOS:

NEXRAD:

We got in touch with the team about the above issue, and they suggested that their AWS key has been exposed, therefore the needed to update that in streamlit cloud. After a while the application started running without the above error.
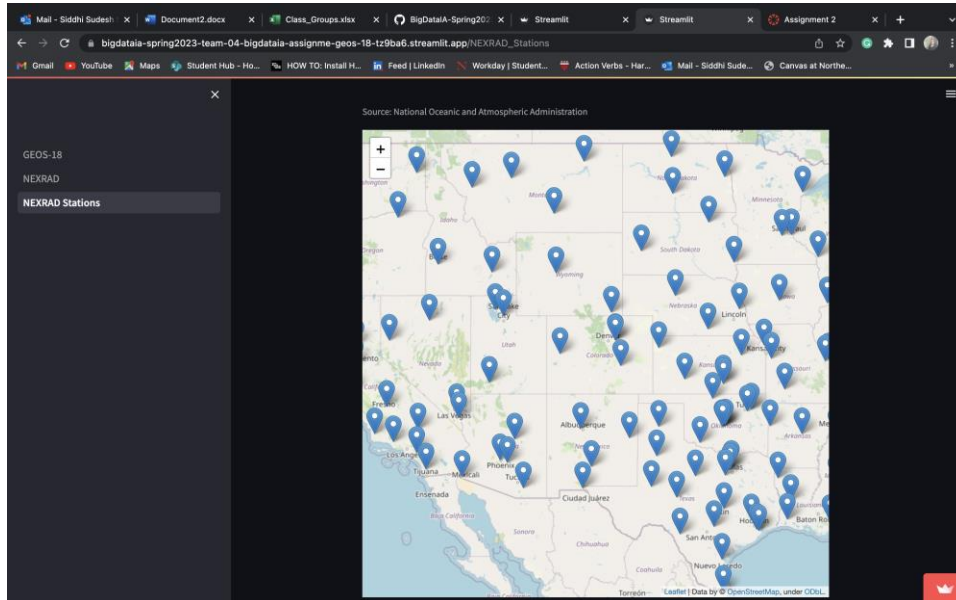
2. For GOES, the downloadable link is generated within less time and it is also copying it to the user S3 bucket of the team, however if we are trying to regenerate the URL it is not checking the user S3 bucket and is not throwing any pop-ups for the link that is already present.

For the NEXRAD it is showing the same. As the link for the station which is already there in user S3 , repeatedly taking the same link as a new one and copying it to the user S3.
The year since 1970 is populated, just 2022 and 2023 would have been ok.
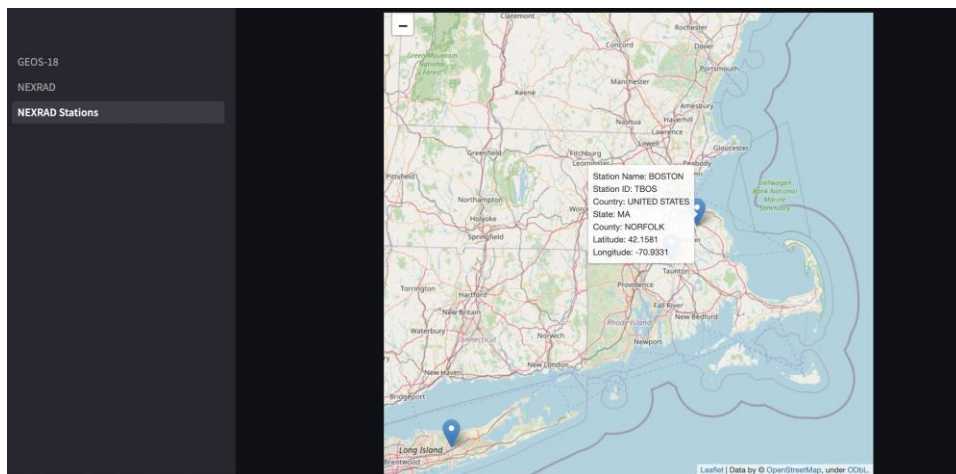
3. The Best thing we noticed for the pages, the option to select by Parameters and select by field feature is popping up for the downloadable links only and not for NEXRAD station, the feature over that page is disable.

4. Used folium

Kept the pointers for each NEXRAD station on every location and provided the information for each radar station while the user is trying to hover the station.

CASE1:

If searching by File Name for the NEXRAD the search field is search the same file in GOES as well.

If we immediately shift to GEOS-18, Seems like it has done the search for this file name as well and returning us the below exception.

Same missing feature for the files already present in the S3 bucket. No pop-ups or error is thrown for multiple copy files.

GEOS:

NEXRAD: