



SpelHouse Tiguars

Hack HPC@ADMI22

Our Team



Zyahn Archibald



Kevin Drew



Abiodun Scott



Kyle Brown



Josselyn Salgado



Dr. Alfred Watkins

Team Goals

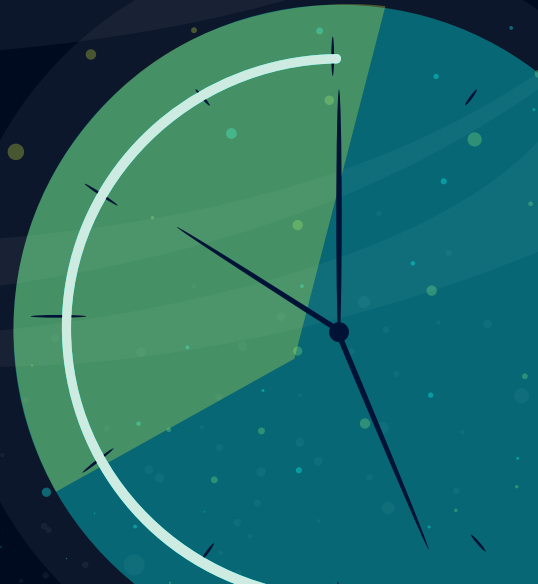
End Goal:

Provide the user with a platform that preserves images of San Francisco, CA using Instagram hashtags to collect the images.



Tasks:

- Create a map of San Francisco for the user to interact with
- Create an Instagram bot to collect images using hashtags using Jupyter Notebooks and CloudyCluster
- Create a website to store the map and Instagram images



Technologies Applied

- React (JavaScript)
- Python
- Pandas
- CloudyCluster
- Google Cloud
- Jupyter Notebooks
- HTML/CSS
- Figma (Mock up)



Goals Reached and Next Steps

Accomplishments:

- Instagram bot is capable of downloading posts based on hashtags
- Map markers on website link to the correct post images
- Created a map of San Francisco using GeoJSON data and Leaflet

Future Steps:

- Host our website on GitHub
- Automate the Instagram post download process
- Add markers on interactive map that link to the top posts in the district
- Give the user an option to view older versions of the map to view previous top posts
- Implement server





Link

[GitHub Repository](#)

Thank You!

Thank you to our mentors Josselyn
and Dr. Watkins.

Thank you to all the organizations
supporting this event.

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this opportunity.



Questions?

