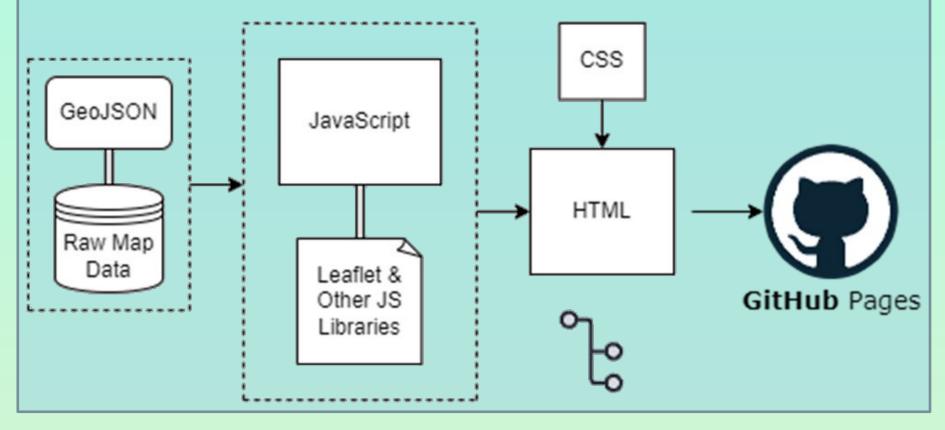


## Implementation

- HTML/CSS for structural hierarchy, JavaScript for scripting.
- Marker data stored and accessed from GeoJSON files.
- JavaScript libraries include:
  - Leaflet (map + controls)
  - PruneCluster (markers)
  - noUiSlider (timeline slider)
- OpenTopoMap for map tiles.
- All hosted on GitHub Pages.



### Going Forward

More tile map options







- Layer to show Alaska Native cultural regions
- Accessibility settings
- Markers show general location range for their data

# Epidemic Diseases in Alaska Native History Webmap



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Our project is an interactive webmap that records epidemic diseases in Alaska Native history from 1750 to 2020. Clicking a map marker displays a summary of the relevant event. Events can be filtered via the timeline slider range toggles.





#### Provided Data

- The data provided for the webmap is a timeline of events compiled by Dr. Williams. Information on each event includes a location, a time range, and a brief summary.
- The data was provided as a collection of notes; a major challenge for this project was converting them into the GeoJSON format for display in the map.

## Acknowledgements

- Client: Dr. Maria Williams Thank you for being phenomenally supportive. (And thank you for the chocolate!)
- Mentor: Dr. Kathiravelu Thank you for helping us get from a loose pile of ideas to a plan. Couldn't have done it without you!