Hydro-Cats

Shubham Nikam – Mathematics

Jacob Spooner – Statistics

Drake Morgan - Computer Science

Dominic Sankuba - Geography

Dashboard Workflow

- Used Rust Programming Language

- Import necessary libraries for plotting, web canvas, and Yew framework -> Enum to define the different plot messages that can trigger a plot update -> Implement the Component trait for the App struct -> Function to handle updates based on incoming messages -> Create a drawing area for the plot -> Function to define the view layout of the App component -> Entry point of the application

- Showed historical rainfall patterns as well as soil types in specifc locations to inform future decisions