

ANIMATING CLIMATE DATA

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Project Description

Build software that visually illustrates regional trends in climate data such as wind speed and temperature using large data sets.

Project Requirements













^{1°}73 negative

Global Annual Land and Ocean Surface Temperature Anomalies from 1880 to 2020





Google Maps Developer



var valuesTempSummer = [-1000, -998, -100, 8.999, 9, 9.999, 10, 10.999, 11, 11.999, 12, 12.999, 13, 13.999, 14, 14.999, 15, 15.999, 16, 16.999, 17, 17.999, 18, 18.999, 19, 19.999, 20, 20.999, 21, 21.999, 22, 22.999, 23, 23.999, 24, 24.999, 25, 25.999, 26, 26.999, 27, 27.999, 28, 28.999, 29, 29.999, 30, 1000];



Google Maps Developer



Project Demo



Strategies



Tyler Sobacki

Animating Wisco Data Capstone in 2020

Kaggle

Climate Change: Earth Surface Temperature Data

Outside Help

Google Developers explained overlays and W3 Schools explained PHP and JavaScript

Inside Help

Dr. McVey with receiving the data request and the Academic Technology team with platforms and errors

Taking a Break

Take a day or two off to reset when the project is stressful



Data Smoothing Attempt



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Current Mobile Version









QUESTIONS?