Mapping Earthquakes with JS & APIs

# Basic Project Plan

Purpose

The purpose of this project is to visually show the differences between the magnitudes of earthquakes all over the world for the last seven days.

Tasks

To complete this project, use a URL for GeoJSON earthquake data from the USGS website and retrieve geographical coordinates and the magnitudes of earthquakes for the last seven days. Then add the data to a map.

Approach

Your approach will be to use the JavaScript and the D3.js library to retrieve the coordinates and magnitudes of the earthquakes from the GeoJSON data.

You'll use the Leaflet library to plot the data on a Mapbox map through an API request and create interactivity for the earthquake data.

## Mapbox API

Mapbox provides custom maps for websites and applications such as Strava, Facebook, the Financial Times, The Weather Channel, Snapchat, and Instacart.