Instructions:

Evaluate the homework against the outlined criteria in the below rubric, assigning a rating to each criterion. Add points earned across all criteria and convert the total points to a letter grade, assigning a "+" or "-" letter grade designation at your discretion.

A (+/-)	35+	C (+/-)	15-24	F (+/-)	<5
B (+/-)	25-34	D (+/-)	5-14		

Notes:

The assignment utilizes **Leaflet** to complete the challenge. The source code should also be deployed to Github or Gitlab

Rubric for Visualizing Data with Leaflet - Level 1:

	Mastery 20 points	Approaching Mastery 15 points	Progressing 10 points	Emerging 5-0 points	Incomplete
Map	The rendered leaflet map has all of the following: ✓ TileLayer loads without error ✓ Connects to geojson API using D3 without error ✓ Markers with size corresponding to earthquake magnitude ✓ A legend showing the depth and their corresponding color	The rendered leaflet map has 2 of the following: ✓ TileLayer loads without error ✓ Connects to geojson API using D3 without error ✓ Markers with size corresponding to earthquake magnitude ✓ A legend showing the depth and their corresponding color	The rendered leaflet map has 1 of the following: ✓ TileLayer loads without error ✓ Connects to geojson API using D3 without error ✓ Markers with size corresponding to earthquake magnitude ✓ A legend showing the depth and their corresponding color	The rendered leaflet map has 1 of the following but with errors: ✓ TileLayer loads without error ✓ Connects to geojson API using D3 without error ✓ Markers with size corresponding to earthquake magnitude ✓ A legend showing the depth and their corresponding color -OR- ✓ The leaflet map does not render	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty
Data Points	The data points do all of the following: ✓ Data points scale with magnitude level ✓ Data points colors change with depth level ✓ Each point has a tooltip with the Magnitude, the location and depth ✓ All data points load in the correct locations	The data points do 3 of the following: ✓ Data points scale with magnitude level ✓ Data points colors change with depth level ✓ Each point has a tooltip with the Magnitude, the location and depth ✓ All data points load in the correct locations	The data points do 2 of the following: ✓ Data points scale with magnitude level ✓ Data points colors change with depth level ✓ Each point has a tooltip with the Magnitude, the location and depth ✓ All data points load in the correct locations	The data points do 0-1 of the following: ✓ Data points scale with magnitude level ✓ Data points colors change with depth level ✓ Each point has a tooltip with the Magnitude, the location and depth ✓ All data points load in the correct locations -OR- ✓ Data points do not load	

Bonus:

	Mastery 10 points	Approaching Mastery 5 points	Emerging 0 points
Map	The leaflet map has all of the following: ✓ Control to change basemap ✓ Control to add/remove layers ✓ Tectonic plate lines on map	The leaflet map has 2 of the following: ✓ Control to change basemap ✓ Control to add/remove layers ✓ Tectonic plate lines on map	The leaflet map has only 1 of the following: ✓ Control to change basemap ✓ Control to add/remove layers ✓ Tectonic plate lines on map -OR- ✓ Bonus is not attempted