Response Summary:

1. Student Information *

First Name	Keegan
Last Name	Palonis
Major	Data Visualization
Course *(e.g. CGT 270-001)*	CGT 270-003
Term *(e.g. F2019)*	S2021

2. Email Address *
(University Email Address is required.)
  kpalonis@purdue.edu

3. Visualization Assignment *
- Lab Assignment

Understand

4. Parse Data: List each field and its data type. Refer to Fry (page 8-9, 2007) for examples of description of different data types (string, float, character, integer), you can also create user defined types (some combination that uniquely identifies data like the Index type in the Fry 2007 page 9 example) *
  Date: Alphanumeric, but in some cases is considered either a string or an integer depending on the program used; Time: Also Alphanumeric, but follows the similar rules as the date; Latitude: Float; Longitude: Float; Depth: Float; Mag: Float; MagType: string; Nst: Integer; Gap: Float; Dmin: Float; Rms: Float; Net: String; ID: Alphanumeric; Updated: Alphanumeric; Place: String; Type: String.

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *
  Measurement is accurate, independence, all data is included in the data set, all data, not just the measurement is accurate,