Response Summary:

1. Student Information *

First Name	Liam
Last Name	McGuire
Major	Web Programming and Design
Course *(e.g. CGT 270-001)*	CGT 270
Term *(e.g. F2019)*	SP2022

2. Email Address *
(University Email Address is required.)
mcguir53@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) *
Year, which is an integer since no decimal points are given. Punxsutawney Phil, which is a character since it lists either Full Shadow, No Shadow, or Partial Shadow. Also since it is text and words. Then there is Average Feburary and March temperatures, being listed under three different categories: Northeast, Midwest, and Pennsylvania. These are floats due to the numbers being provided consisting of decimal points.

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *
The average temperature and full shadows are mostly consistent throughout the 130 year tradition of Groundhog Day.