Response Summary:

1. Student Information *

First Name	Grace
Last Name	Combs
Major	Web Development
Course *(e.g. CGT 270-001)*	CGT 270-003
Term *(e.g. F2019)*	SP2022

2. Email Address *
(University Email Address is required.)
gcombs@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) *

Data Set 1: Titanic Data
pclass: integer
survived: integer
name: string
sex: string
age: integer/float
sibsp: integer
parch: integer
ticket: alphanumerical
fare: integer/float
cabin: alphanumerical
embarked: character
boat: integer
body: integer
home.dest: string
Data Set 2: Empress of Ireland Data
Sailing destinations: strings
Total passengers: integer
1st class: integer
2nd class: integer
3rd class: integer
lifeboats: integer
lifeboats launched: integer
Survivors: integer
Non-survivors: integer

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *

I can link these two datasets with the number of survivors and non-survivors in comparison to the number of lifeboats. It may also be possible to compare how many 1st, 2nd, and 3rd class tickets there were for both boats.