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Response Summary:

Parse Worksheet

Goal: to understand the structure of the data
Objectives: Students will change data into a format that tags each part of the data with its intended use
Outcomes: Every element of the data will be broken into its individual parts

1. Student Information *

First Name	Gabby
Last Name	Willard
Course ***(e.g. CGT 270-001)***	CGT 270-LC4
Term ***(e.g. F2019)***	Fall 2021

2. Email Address *
gwillard@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) *
For the Titanic Crew data set, each field and data type is: this variable does not have a name but in the first column, there are integers giving each person a number starting at 0 but these numbers are not consistent at all, Name is a string, Age is an integer, Embarked is a string, Position is a string, Crew_Type is a string, and Survived is an integer.
I would split the Name variable into first_name, last_name, and prefix (Mr, Mrs, Dr, etc).
For the Embarked variable, I would split it up into country_embarked and city_embarked.

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

I am unsure of what the integers in the first column represent but if I had to guess, I think it tries to separate the people into groups. The Survived variable consists of the integers 0 and 1. However, it was not specified which integer means survived and which integer means didn't survive.