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	Senny
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Term *(e.g. F2019)*	F2021

2. Email Address *
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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) *
String - A set of characters that forms a word or a sentence. An example of this would be a zip code.
Float - A number with decimal points. An example would be the latitude and longitude of a location.
Character - A single letter or other symbol. An example would be the designation of special post offices.
Integer - a number without a fractional portion. Example: 2
Index - Data that maps to a location in another table of data.

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *
I assume the data that will have many categories that I will have to parse.