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 *

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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) *
my data set: pokemon
String - A set of characters that forms a word or a sentence. An example of this would be the name of the pokemon.
Float - A number with decimal points. The number for certain pokemon have decimals.
Character - A single letter or other symbol. An example would be the designation of special post offices. Male & Female for certain pokemon, ie Nidoran♀ and Nidoran♂
Integer - a number without a fractional portion. Any of the pokemon stats (ie hp, atk, def)
Index - Data that maps to a location in another table of data. The number of each pokemon

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *
I am assuming that this data set will be viewed by someone who would like to know more about pokemon, or a competitive pokemon player who wants to know what is the best pokemon they can use.