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:
Name of pokemon
Both Types for each pokemon
Color
Ability 1
Ability 2
Ability Hidden
Egg Group
Egg Group 2
Float:
Height
Weight
Integers:
HP
ATK
DEF
SP ATK
SP DEF
SPD
TOTAL
Capture Rate
Base Egg Hatch Cycle
Base Egg Hatch Steps
Base EXP
Character:
Code
Legendary Flag
Mega Evolution Flag
Effort HP
Effort ATK
Effort DEF
Effort SP ATK
Effort SP DEF
Effort SPD
Index
Generation of each pokemon
Number of each pokemon
Their serial number

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

This list is still a list for both casual and competitive pokemon players however, there is a lot more information in this particular set for advanced players as opposed to casual players.