CGT 270 Data Visualization
Module 1 ● Week 2
Lab 2: Parsing Data

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The goal of this lab is to understand the structure of data. In this lab you will change data into a format that tags each part of the data with its intended use. After completing this lab every element of the data, you selected (Tableau dataset) and the two (2) additional datasets you acquired in lab last week will be broken into its individual parts.

What you should be able to do (at the end of this lab):

Remember	*Describe* what happens in the **parse** stage.
Understand	*Describe* the data in detail according to the parsing specifications.
Apply	*Demonstrate* the ability to change data into a useful format for future processing.
Evaluate	*Categorize* the data according to parsing specs.
Analysis	*Identify* specific features about the data.
Create	*Generate* a parsed listing of the data.

Part I: Tableau Data Set
In this document:
Answer the following questions about your Tableau data:

1. List the name of the Tableau Dataset you selected in the Acquire Lab: Pokemon
2. How many rows (records) are in the data set? 1169 rows
3. How many columns (variables) are in the data set? 10
4. What assumptions are you making about the data? I am assuming that whoever is viewing the data, they are most likely a person who enjoys pokemon either in a competitive manner or in a casual manner and would like to simply know more about their pokemon.

Use the following link to provide a parsing of the Tableau Data.
https://tinyurl.com/Parse-Worksheet

For Visualization Assignment select: **Training Data**
Then provide the parsed data and list your assumptions.

Part II: Additional Data Set #1
In this document:
Answer the following questions about your Tableau data:

1. List the name of the Tableau Dataset you selected in the Acquire Lab: All Pokemon Moves
2. How many rows (records) are in the data set? 725
3. How many columns (variables) are in the data set? 10
4. What assumptions are you making about the data? The data set is catered towards both advanced and casual pokemon players alike, as the information provided could be useful to both.

Use the following link to provide a parsing of the first additional data set from Lab 1.
https://tinyurl.com/Parse-Worksheet

For Visualization Assignment select: **Lab assignment**

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Then provide the parsed data and list your assumptions.

Part II: Additional Data Set #2

In this document:
Answer the following questions about your Tableau data:

1. List the name of the Tableau Dataset you selected in the Acquire Lab: Pokedex Version 8
2. How many rows (records) are in the data set? 898
3. How many columns (variables) are in the data set? 35
4. What assumptions are you making about the data? The data set is still both for casual and competitive pokemon players however this one in particular gives some information that is more catered towards pokemon players who want to know more about the game.

Use the following link to provide a parsing of the second additional data set from Lab 1.
https://tinyurl.com/Parse-Worksheet

For Visualization Assignment select: **Lab assignment**
Then provide the parsed data and list your assumptions.

What to submit:
1. This document saved as a PDF file: **LastnameFirstInitial-CGT270Fall2021-Lab2Parsing.pdf**
2. Parse Activity Worksheet (.pdf) for the Tableau data set.
3. Parse Activity Worksheet (.pdf) for 1st additional data set.
4. Parse Activity Worksheet (.pdf) for the 2nd additional data set.