

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	<i>Describe</i> what happens in the parse stage.
Understand	<i>Describe</i> the data in detail according to the parsing specifications.
Apply	<i>Demonstrate</i> the ability to change data into a useful format for future processing.
Evaluate	<i>Categorize</i> the data according to parsing specs.
Analysis	<i>Identify</i> specific features about the data.
Create	<i>Generate</i> 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:
CatsvsDogs
2. How many rows (records) are in the data set?
12 Rows
3. How many columns (variables) are in the data set?
49 Columns
4. What assumptions are you making about the data?
Some assumptions that I can make about this data is that it is secondary data. I can also see that dogs are overall a more popular pet than cats.

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:
Shelter dogs
2. How many rows (records) are in the data set?
2937 Rows
3. How many columns (variables) are in the data set?
19 Columns

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4. What assumptions are you making about the data? **Some assumptions that I can see about this data is that some of the data seems to be missing. This data is also secondary data.**

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**

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:
New York City Dog License's
2. How many rows (records) are in the data set?
121,950 Rows
3. How many columns (variables) are in the data set?
15 Columns
4. What assumptions are you making about the data?
Assumptions that I can make about this data is that it is secondary data. I can also see that there are thousands of dog license's that people have purchased. Dogs seem to be very popular in New York City.

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.