

## 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 \*

<b>First Name</b>	Jack
<b>Last Name</b>	Myers
<b>Course</b> (e.g. CGT 270-001)	CGT27-009
<b>Term</b> (e.g. F2019)	F2021

### 2. Email Address \*

myers436@purdue.edu

### 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) \*

Row number: Integer  
Animal Name: String  
Animal Gender: Boolean  
Animal birth Month: Integer  
Breed Name: String  
Borough: Boolean  
ZipCode: Integer  
Community: Integer  
CensusTract2010: Integer  
NTA: Alphanumeric  
City Consul District: Integer  
Congressional District: Integer  
State Senatorial District: Integer  
License Issue Date: Integer  
License Expired Date: Integer

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

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. I can also see that it is missing some data as the row numbers seem to skip around.

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