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	Jack
Last Name	Myers
Course *(e.g. CGT 270-001)*	CGT-270-009
Term *(e.g. F2019)*	F2021

2. Email Address *
   myers436@purdue.edu

3. Visualization Assignment *
   • Training Data

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) *
   Location: String
   Number of household: Integer
   Percentage of households with pets: Float
   Number of pet households: Integer
   Percentage of Dog Owners: Float
   Dog Owning Households: Integer
   Mean Number Dog/Cat: Float
   Dog Population: Integer
   Percentage of Cat owners: Float
   Cat owning households: Integer
   Cat Population: 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 data is that the data is secondary data. I can also see that dogs are more popular than cats overall.