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

2. Email Address *
cpascua@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) *
State, String
Gender, Character
Year, Integer
Top Name, String
Occurrences, Integers

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *
I assume the data is complete. I assume it contains a male and female name for each of the 50 states and each year in the range given. I assume the data is for an audience of new or incoming parents choosing a name for their baby.