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 *

First Name	Chia-Hua (Joy)
Last Name	Lin
Course *(e.g. CGT 270-001)*	CGT 27000 LC4
Term *(e.g. F2019)*	F2021

2. Email Address *
lin1424@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) *
State: string
Gender: char
Year: int
Top Name: string
Occurrences: int

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *
I am assuming that the data is complete with everyone born being registered. I'm also going to assume that the Name Occurrences column only counts people with this name that was born in this year, instead of a tally of all the living people with this name in this year.