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	Claire
Last Name	O'Malley
Course *(e.g. CGT 270-001)*	CGT270
Term *(e.g. F2019)*	F2022

2. Email Address *
omalle18@purdue.edu

3. Visualization Assignment *
- Final Project

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) *

Rate of overdose deaths by state and drug or drug class-Numeric
Percentages of overdose deaths involving select drugs and drug classes-Numeric; percentage ranging from 0-100
Percentage of overdose deaths involving the most common opioids and stimulants alone or in combination-Numeric; percentage ranging from 0-100,Character
Distribution of overdose deaths by opioid and stimulant involvement-Numeric; percentage ranging from 0-100
How many drug overdose deaths occurred each month in 2020?-Numeric
Who died of a drug overdose in 2020? By Sex-Numeric; percentage ranging from 0-100
Who died of a drug overdose in 2020? By Race/Ethnicity-Numeric; percentage ranging from 0-100
Who died of a drug overdose in 2020? By Age (In Years)-Numeric; percentage ranging from 0-100
Who died of a drug overdose in 2020? By Age and Sex-Numeric; percentage ranging from 0-100
Potential opportunities for intervention-Numeric; percentage ranging from 0-100
Additional circumstances surrounding overdose deaths-Numeric; percentage ranging from 0-100
State-Character
Geo-Location-Character
Start Year-Integer
End Year-Integer
Start Month-Integer
End Month-Integer
All Percent Change-Float
Opioid Percent Change-Float
Heroin Percent Change-Float
Stimulant Percent Change-Float
All LS Significant-Binary
Opioid LS Significant-Binary
Heroin Ls Significant-Binary
Stimulant LS Significant-Binary
All Significance-String
Opioid Significance-String
Heroin Significance-String
Stimulant Significant-String
Gender-String
Age Range-String
Jurisdiction Count-String
Comparison Type-String
Year-Integer
Number-Integer
Deaths per 100,000-Float
Sex-String
Age Group-Integer
Race and Hispanic Origin-String
Opioid Type-String
Stimulant Type-String

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

The data sources are trustworthy and as for the non-fatal data, legalized drugs were likely not taken into consideration.