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	Matthew
Last Name	Gallagher
Course *(e.g. CGT 270-001)*	279-009
Term *(e.g. F2019)*	F2021

2. Email Address *
gallag80@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) *
Year: Integer/ Player: String/Age: Integer/ Hometown String/ Home State: String/ Team: String/ Games: Integer/ Games Started: Integer/ Completions, Passing Attempts, Yards, Passing Touchdowns, Interceptions, Running Attempts, Yards, Integer/ Yards per Attempt: Float/ Running Touchdowns: Integer/ Receptions: Integer/ Yards: Integer/ Yards per run: Float/ Other Touchdowns: Integer/ Fantasy Position: String/ Fantasy Points: Integer/ Height: Integer/ Weight: Integer/ College: String/ Conference: String/ College Wins: Integer/College Loses: Integer/ Date of Birth: String/ Draft Round: Integer/ Draft Year: Integer/ Wonderlic: Integer/ 40 Yard Dash: Float/ Bench Press: Float and Integer/ Vertical Leap: Float and Integer/ Broad Jump: Integer/ Shuttle: Integer and Float/ 3 Cone: Float and Integer.

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *
The NFL combine data for these players is more float data to get a more accurate result so they can break down players and see who is the best.