Response Summary:

1. Student Information *

First Name	Jack
Last Name	Kinzig
Major	Data Visualization
Course *(e.g. CGT 270-001)*	CGT 270-002
Term *(e.g. F2019)*	S2022

2. Email Address *
(University Email Address is required.)
kinzig@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) *

Data Set 1: 2016 Presidential Candidate Expenditures
cmte_id: Alphanumeric
cand_id: Alphanumeric
cand_nm: String
Party: String
recipient_nm: String
disb_amt: Integer/Float
disb_dt: Alphanumeric
recipient_city: String
recipient_st: String
disb_desc: String
memo_cd: Boolean
memo_text: String
form_tp: Alphanumeric
file_num: Integer
tran_id: Alphanumeric
election_tp: Alphanumeric
Data Set 2: 2016 General Election Results
Precinct: String
Race: String
LEG: Integer
CC: Integer
CG: Integer
CounterGroup: String
Party: String
CounterType: String
SumOfCount: Integer
Data Set 3: NYTimes 2016 Presidential Election Results by County
Clinton: Integer
Trump: Integer
Rpt: Integer
State: String
Vote by county: String
Vote by town: String
Place: String

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

Candidates will perform better in areas they spend money (compared to nearby/similar areas). In the primary election, candidates will not spend money in places they know they will win (i.e. Dems in big cities, Reps in rural areas)
May be interesting to compare voter turnout vs. amount spent, which would require population data by county