Response Summary:

1. Student Information *

First Name	Keegan
Last Name	Palonis
Major	Data Visualization
Course (e.g. CGT 270-001)	CGT 270
Term (e.g. F2019)	S2022

2. Email Address *
(University Email Address is required.)
kpalonis@purdue.edu

3. Visualization Assignment *
- Homework Assignment

Generate

4. Identify appropriate data sources: is the data publicly available? What search methods were used? *

Data source 1	https://www.census.gov/quickfacts/geo/chart/US/RHI225220. Public data "black Population by state"
Data source 2	https://worldpopulationreview.com/state-rankings/black-population-by-state. Same, public and search term
Data source 3	https://en.wikipedia.org/wiki/List_of_U.S._states_and_territories_by_African-American_population. Same

5. Data format: what format is the data in? Structured vs instructed? All text, a combination, multiple sources? Is it primary or secondary data? *
It's structured, with some being already charted and some in text form

6. Data types: what types of data are in the data? How are they stored? What is the access to the data (API, JSON, txt, csv, etc.)? What structure holds the data (data base, spreadsheet, etc.)? *
It's all percentage data in csv format, it's a data base that can be downloaded.

Evaluate

7. Variables: list the data variables? What are the parameters? Give them names. What are the dependent variables and independent variables? *
Variables are State (independent) and Black Population % (dependent). Parameters are the states of the US and 0-100%

8. Audience & Assumptions: list any assumptions you have about the data. Who is your audience? *
Data is complete and correct, audience is the general public.

Generate

9. What real life behavior does the data reflect? Does it show patterns of activity, regularity of events, a timeline, population data, etc? Explain. *
It shows population data, what percentage of the population is Black.

11. What are the weaknesses of the data source? Is it likely that the source will be available in the future? Is the data complete? What is the quality of the data? Is it specific to your needs for. the current project? Is the data in the format you need? Are there missing data? Explain. *
The data takes a little bit of formatting, but other than that it is from the most reliable and credible source possible, the US census

12. What information is emphasized? What is the central focus of the data? Explain. *
Focus of the data is the difference in black population between the states. Showing which states have a higher percentage of African Americans is important for also understanding additional state data.

13. At what level of granularity is the data provided? Is the data summarized, or do you have access to the raw data? Is the data categorized or is the data in a format that allows you to create your own categories, etc. Explain. *
Data is summarized, but the data can be broken down further by looking at the state census data. Cannot create your own categories but isn't super necessary

14. What is the scope of the data? What topics can be covered using the data? Is there a time range/frame? Is the data for a specific area/discipline/demographic etc.? Explain. *
The only topic that can be covered by the data is the population of AA in the US by state, there is no time frame mentioned, but the data is exclusively for the US