

## Response Summary:

### 1. Student Information \*

<b>First Name</b>	Ema
<b>Last Name</b>	Westerfeld
<b>Major</b>	Animation
<b>Course</b> (e.g. CGT 270-001)	CGT 270
<b>Term</b> (e.g. F2019)	S2022

### 2. Email Address \*

(University Email Address is required.)

ewesterf@purdue.edu

### 3. Visualization Assignment \*

- Homework Assignment

## Generate

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

<b>Data source 1</b>	2020 US Census
<b>Data source 2</b>	World Bank
<b>Data source 3</b>	N/A

### 5. Data format: what format is the data in? Structured vs instructed? All text, a combination, multiple sources? Is it primary or secondary data? \*

The data is unstructured and had to be searched up individually. It is secondary data.

### 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.)? \*

I found the data online and had to compile it into a Excel sheet.

## Evaluate

### 7. Variables: list the data variables? What are the parameters? Give them names. What are the dependent variables and independent variables? \*

The data lists each country and its population. The population is dependent on the country.

**8. Audience & Assumptions: list any assumptions you have about the data. Who is your audience? \***

My biggest assumption is that the US data is completely accurate, as it deals with the country's black population, rather than the population as a whole. My audience is those who don't understand the size of the US's black population.

# 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. \***

The data shows the population of different countries.

**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 US data in particular does not indicate whether or not the black population from the census takes people of mixed race into account.

**12. What information is emphasized? What is the central focus of the data? Explain. \***

The central focus of the data is the comparison between countries' populations.

**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. \***

The data is mostly summarized, but I categorize it how I need.

**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 data shows the population for these specific countries during 2020.

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