Response Summary:

1. Student Information *

First Name	Grace
Last Name	Combs
Major	Web Development
Course *(e.g. CGT 270-001)*	CGT 270-003
Term *(e.g. F2019)*	SP 2022

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

3. Visualization Assignment *
   - Homework Assignment

Analyze

4. Basic Descriptors: for each data component from the Parse Worksheet, identify basic descriptors (basic statistics). Explain *
   Each characteristic is associated with number of teachers in the thousands or percentage of teachers with that characteristic.

5. Categorize: consider what is similar and what is different? Categorize the data. Are the variables categorical (normal, ordinal, or rank). Are they quantitative (discrete or continuous)? Show categories. Explain. *
   The variables I will be using are nominal and their associated numbers are discrete.

6. Temporal: is the data streaming data? How is it stored (all at one time, over several years in years, days, minutes, seconds)? Explain. *
   The data is not streaming data and it is stored over several years.

7. Range and Distribution: what is the distribution of the data? Few values, small size, evenly spread, sparse or dense? Explain. *
   The data is distributed with a wide range.

Evaluate

8. Questions and Assumptions: list at least 3 questions you plan to answer with the data or list the questions if they were provided. Must be complete sentences and end in a question mark. What assumptions are you making? *

Question 1	How many black teachers are there in the U.S. over many years?
Question 2	N/A
Question 3	N/A
Assumptions	I am still assuming there will be more black teachers now than in the past.

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