

## Response Summary:

### 1. Student Information \*

<b>First Name</b>	Kyle
<b>Last Name</b>	Choi
<b>Major</b>	WEPD
<b>Course</b> (e.g. CGT 270-001)	CGT270-003
<b>Term</b> (e.g. F2019)	S2022

### 2. Email Address \*

(University Email Address is required.)

choi687@purdue.edu

### 3. Visualization Assignment \*

- Lab Assignment

## Analyze

### 4. Basic Descriptors: for each data component from the Parse Worksheet, identify basic descriptors (basic statistics). Explain \*

Years: 7

Profiles: 673,032

Rounds: 83,026

Regions: 25

Categories: 25

Countries: 25

### 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. \*

Profiles: Nominal

Rounds: Nominal

Regions: Rank

Categories: Rank

Countries: Rank

All of the above data components are discrete, with the exception of year, as none of them can be divided into parts.

Year, on the other hand, can be divided into quarters, which can then be divided into months, etc.

### 6. Temporal: is the data streaming data? How is it stored (all at one time, over several years in years, days, minutes, seconds)? Explain. \*

This data is not streaming data, as all of the data was collected by one organization. That being said, however, this data is stored over 7 years, stored in quarters.

### 7. Range and Distribution: what is the distribution of the data? Few values, small size, evenly spread, sparse or dense? Explain. \*

This data has an immensely large range with values from 0 (from companies that received no funding) to over 100 million from the ultra-successful startups.

# 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	In what field do companies raise the most money?
Question 2	From what type of funding do companies receive the most money?
Question 3	Where are most startups founded?
Assumptions	I am assuming that all of these companies are legitimate companies and that none of the companies lied to the IRS about how much money they raised.

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