

## Response Summary:

# Data Visualization Stage: Represent

This self-assessment feedback instrument is designed to assess the following Knowledge Dimensions:

A. Factual Knowledge	B. Conceptual Knowledge	C. Procedural Knowledge
The basic elements that students must know to be acquainted with a discipline or solve problems with it.	The interrelationships among the basic elements within a larger structure that enable them to function together.	How to do something; methods, inquiry, and criteria for using skills, algorithms, techniques, and methods.

### 1. Student Information \*

<b>First Name</b>	David
<b>Last Name</b>	Luo
<b>Course</b> (e.g. CGT 270-001, CGT 270-LC)	CGT 270-005
<b>Term</b> (e.g. F2020)	S2022
<b>Major</b>	Data Science

### 2. Email Address \*

(University Email Address is required.)

luo354@purdue.edu

### 3. I can describe, in my own words, what happens in the REPRESENT stage. \*

- Strongly Agree

### 4. I can describe, what stages of the data visualization process are impacted by the REPRESENT stage. \*

- Agree

### 5. I can identify and use the appropriate tool to communicate the data effectively. \*

- Agree

### 6. I can choose the most appropriate chart layout for different types of data. \*

- Agree

### 7. I can determine if sufficient data is available to visually represent data in a way that informs users. \*

- Agree

### 8. I can determine the best way to represent data. \*

- Agree

### 9. I can determine if additional data or more specific data is needed. \*

- Agree

**10. An apple is a vegetable. \***

- Strongly Disagree

**11. I can determine if a dataset should be smaller/larger/broader before moving on to the next stage in the data visualization process. \***

- Agree

**12. I can generate data visualizations using the appropriate model (chart, layout, etc.) for the data. \***

- Agree
-