

## 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>                               | Shreya        |
| <b>Last Name</b>                                | Vasant        |
| <b>Course</b><br>(e.g. CGT 270-001, CGT 270-LC) | CGT 27000-LC3 |
| <b>Term</b><br>(e.g. F2020)                     | F2021         |

### 2. Email Address \*

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

- Agree

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

- Strongly 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. \*

- Strongly 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. \***

- Strongly Agree

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

- Agree
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