

## Response Summary:

# Data Visualization Stage: Mine

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>	Joy (Chia-Hua)
<b>Last Name</b>	Lin
<b>Major</b>	Exploratory Studies
<b>Course</b> (e.g. CGT 270-001, CGT 270-LC, etc.,)	CGT270-LC
<b>Term</b> (e.g. F2020)	F2021

### 2. Email Address \*

(University Email Address is required.)

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### 3. I can describe what happens in the MINE stage. \*

- Strongly Agree

### 4. I can describe the MINE stage in my own words. \*

- Strongly Agree

### Q25. I understand what descriptive statistical methods are.

- Strongly Agree

### 5. I can EXECUTE descriptive statistical methods on data. \*

- Strongly Agree

### 6. I believe two times two is twenty. \*

- Strongly Disagree

### 7. I can DESCRIBE or LIST at least three descriptive statistical methods. \*

- Strongly Agree

### 8. I can use data mining techniques to identify patterns, extreme and subtle features about data. \*

- Agree

**9. I can examine the value of data that has been mined for patterns, extreme and subtle features. \***

- Strongly Agree

**10. I can determine if data is in a format that can be represented visually. \***

- Strongly Agree

**11. I can determine if data for a given project can be read/imported easily into a visualization tool if additional preprocessing is needed. \***

- Strongly Agree

**12. I can create sample data to test basic descriptive statistical methods. \***

- Strongly Agree
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