

## Response Summary:

### 1. Student Information \*

<b>First Name</b>	Grace
<b>Last Name</b>	Combs
<b>Major</b>	Web Development
<b>Course</b> (e.g. CGT 270-001)	CGT 270-003
<b>Term</b> (e.g. F2019)	SP2022

### 2. Email Address \*

(University Email Address is required.)

gcombs@purdue.edu

### 3. Visualization Assignment \*

- Lab Assignment

#### Q16. How many questions have visualizations?

- Two

#### Q17. Question 1

What is the gender ratio of surviving and non-surviving passengers?

#### Q18. Question 2

How many elderly (65+) vs. young (under 18) passengers survived?

## Remember

### Question 1: \*

What is the gender ratio of surviving and non-surviving passengers?

## Apply

**5. Filter the data: Remove any duplicate or any data unrelated to answering your question. Provide a description of the filtered data (what is needed to answer your question). \***

The filtered data includes the sex (male or female) field and the survived/not-survived field.

## Evaluate

## 6. Next Step: Answer the following questions: \*

<b><i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i></b>	Yes. The data for the sex of the passenger and if they survived is there.
<b><i>Do you have the right data to answer Question 1? If yes, explain then proceed. If no, then revisit 'Filter the Data' question. Repeat until this answer is yes.</i></b>	Yes, I have filtered the data so only the required fields are being used in the visualization.

## 8. View 1 for Question 1 \*

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## 9. View 1 for Question 2 \*

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# Remember

## Question 2: \*

How many elderly (65+) vs. young (under 18) passengers survived?

# Apply

**Q41. Filter the data: Remove any duplicate or any data unrelated to answering your question. Provide a description of the filtered data (what is needed to answer your question). \***

The filtered data includes the passengers above 65 and under 18 calculated with a calculation field in Tableau by using the age field from the data. This is also compared to the total number of passengers which was filtered by adding up all the names and excluding the ones correlated to an age outside the requirements (65+ and under 18).

# Evaluate

**Q43. Next Step: Answer the following questions: \***

<b><i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i></b>	Yes I have enough data to answer my question and display it visually.
<b><i>Do you have the right data to answer Question 2? If yes, explain then proceed. If no, then revisit 'Filter the Data' question. Repeat until this answer is yes.</i></b>	Yes I have the correct data from the age field and also the total number of passengers.

**Q44. View 1 for Question 2 \***

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**Q45. View 2 for Question 2 \***

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