



In 1912, the luxury liner *Titanic*, on its first voyage across the Atlantic, struck an iceberg and sank. Some passengers got off the ship in lifeboat, but many died. The two-way table gives information about adult passengers who survived and who died, by class of travel.

| Survival Status | Class of Travel | | |
|-----------------|-----------------|--------|-------|
| | First | Second | Third |
| Survived | 197 | 94 | 151 |
| Died | 122 | 167 | 476 |

1. Open a new "Google Sheet"
2. Change the TITLE to : *Titanic Period* _____
3. Copy the 2-way table above into the cells
4. Select the cells shown at the right:
5. INSERT chart and make the following changes:

| | First | Second | Third |
|----------|-------|--------|-------|
| Survived | 197 | 94 | 151 |
| Died | 122 | 167 | 476 |

- Under Setup, Chart type: Column chart
- Click on Customize
- Select Chart & axis titles

- Name the Chart: **Titanic**
- Name the Vertical axis: **Percent**
- Name the Horizontal axis: **Class of Travel**

6. Copy the chart

7. Open a new "Google Doc"
8. Change the TITLE to : *Titanic Period* _____
9. Type the heading:
 - First name, Last name
 - Period

10. Paste Chart (unlinked)

11. Change the Chart type to: Stacked column chart
 - Under the option, "Stacking" → Choose "Standard"
 - Copy & Paste to google doc

12. Leave the Chart type to: Stacked column chart
 - Under the option, "Stacking" → Change to "100%"
 - Copy & Paste to google doc

13. Type at least one paragraph of your analysis of the results of your chart.

Topics to include:

 - Comparison of the class of travel of passengers who survived.
 - Comparison of the class of travel of passengers who died.
 - Overall opinion of the association between class of travel & surviving.

14. Share your ONLY your google doc with "soderholm@4j.lane.edu"