

Your grade: 100%

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1. For Questions 1-4, refer to the following table regarding passengers of the famous Titanic, which tragically sank on its maiden voyage in 1912. The table organizes passenger/crew counts according to the class of their ticket and whether they survived.

1 / 1 point

	Class			
	1st	2nd	3rd	Crew
Survived	203	118	178	212
Did not survive	122	167	528	673

Source: Dawson, Robert J. MacG. (1995), The ‘Unusual Episode’ Data Revisited. Journal of Statistics Education, 3. <https://www.amstat.org/publications/jse/v3n3/datasets.dawson.html>

Note: Due to increased research interest in the Titanic following the popular 1997 film, it is known that this data set contains slight inaccuracies.

- If we randomly select a person's name from the complete list of passengers and crew, what is the probability that this person travelled in 1st class? Round your answer to two decimal places.

0.15

✔ Correct

This is $(203 + 122) / 2201$. This is also $P(\text{1st class}) = P(\text{1st class and survived}) + P(\text{1st class and did not$