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1 / 1 point

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.

	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 $P(1\text{st class}) = P(1\text{st class and survived}) + P(1\text{st class and did not survive})$