

# Follow-Up

2019-04-17

Dr. Cynthia A. Reyes-Thompson, a statistician for the *Thirty-Two-Sixty-Four Insurance Company*, used a sample of Titanic data to create a decision tree (shown below). She reported that the tree accurately classified 90% of the cases. The CEO of the company is impressed by this result and is considering implementing Cynthia's set of decision rules to decide insurance rates for potential future passengers. Write a letter to the CEO addressing whether adopting Cynthia's model would be a good idea.

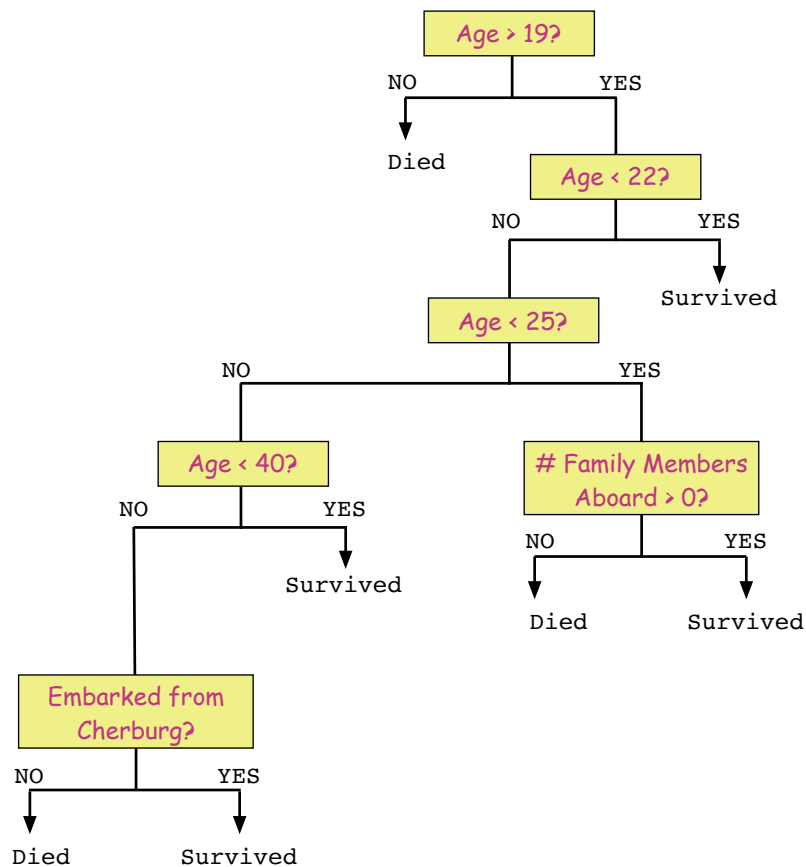


Figure 1: Dr. Cynthia A. Reyes-Thompson's Decision Tree.