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Question 1

Question 1

You want to see if an artist's popularity on Facebook (whether or not they have 100,000 or more likes) has anything to do with their age.

1. Generate a table to show the number of artists that are "popular" and those that are not.
2. Generate a table to show the number of "popular" artists within each age group.

*Use the "AustinCityLimits.csv" dataset to answer the following questions. Instructions for installing "AustinCityLimits.csv" can be found under the **Examine the Data** unit in this week's **Pre-Lab** section.*

problem

1/1 point (graded)

1a. How many artists in the dataset have **100,000 or more likes** on Facebook?

85



85

Submit

You have used 1 of 1 attempt

problem

0/1 point (graded)

1b. Which **age group** has the highest number of artists that have **100,000 or more likes** on Facebook? (*Spell out your answer, i.e. twenties, thirties, forties, etc.*)

forties



Submit

You have used 1 of 1 attempt

problem

0/4 points (graded)

1c. For each age group, fill in the proportion of artists who have 100,000 or more likes on Facebook. (*Use the appropriate function in R to calculate these, and round to 3 decimal places (i.e. 0.123.)*)

Twenties = ____

.129

 Answer: .786

.129

Thirties = ____

✖ Answer: .775

Forties = ____

✖ Answer: .800

Fifties or older = ____

✖ Answer: .594

You have used 1 of 1 attempt

i Answers are displayed within the problem