

Course > Week... > Probl... > Ques...

## 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.

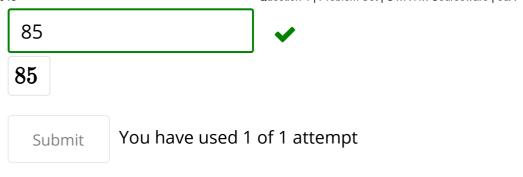
Use the "AustinCityLimits.csv" dataset to answer the following questions.

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)

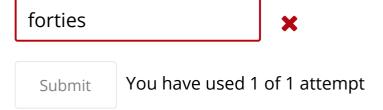
1a. How many artists in the dataset have **100,000 or more likes** on Facebook?



## 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.)



## 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 =

		design 1   1 Toblem det   01.7.11% dourseware   eax
.365		<b>X</b> Answer: .775
.365		
Forties =		
.282		<b>X</b> Answer: .800
.282	_	
Fifties or ol	der =	
.224		X Answer: .594
.224		
Submit	You have used 1 o	f 1 attempt
Answers are displayed within the problem		

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