



- Courseware
- Course Info
- Discussion
- Syllabus
- Download R and RStudio
- R Tutorials
- Readings
- Contact Us
- Progress
- Office Hours
- Community

Question 1

You want to see if an artist's popularity on Facebook (whether or not they have 100K+ 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.

(1/1 point)

1a. How many artists in the dataset have **100K+ likes** on Facebook?

85

85

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(1/1 point)

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

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(4 points possible)

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

Twenties = ____

Answer: .786

Thirties = ____

Answer: .775

Forties = ____

Answer: .800

Fifties or older = ____

Answer: .594

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4 of 4

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