

Lab: Single-table queries, part 2

Make a serious effort to answer all questions from memory before referring to lecture slides or other resources.

1. Load the '1994-census-summary.sql' data into SQLite. (see iLearn page)
2. What is another name for a relation instance?
3. Write SQL to answer the following questions:
 - a. what 'workclass' values appear in the data? (don't show any duplicates)
 - b. what 'relationship' values appear in the data?
 - c. what is the minimum number of years of education in the data?
 - d. what is the maximum number of years of education?
 - e. what is the average age of people in the data?
 - f. what are the minimum and maximum number of years of education?
 - g. how many countries of birth appear in the data?
 - h. which native countries start with "F"?
 - i. which native countries end with "a"?
 - j. which native countries do not have "a" anywhere in their name? (You will need SQL keyword 'not', which we did not cover in lecture)
 - k. what is the average age of people who have never worked? (hint: attribute 'workclass' has "Never_worked" as a possible value)