

Assignment 7: Using a Library Database

Q 1

In this assignment, you will use the Cookie database, a hypothetical catalogue created for use by a set of libraries. This is available as a sqlite file, [Cookie.sqlite](#), or you can build it from the sql statements in the [Create_Cookie.sql](#) file, which can be found below.

[Cookie.sqlite](#)

[Create_Cookie.sql](#)

Within the database, there are several tables you should pay attention to:

bib. This contains information about each book in the catalogue. Its attributes include:

accno -- an "accession" or serial number (This is the primary key)

title -- The title of the book

loc -- Location of publication (where published)

date -- Date of publication

price -- Price of the book

height -- Height of the book in centimeters

pub. This contains information about publishers. It's attributes include:

pubid -- The publisher's id number (This is the primary key)

publisher -- Publisher name

pcity -- Publisher city

pstate -- Publisher state

pzip -- Publisher zip code

sub. This contains each subject category that can be assigned to books. It has just two attributes:

subcode -- Subject identification number (This is the primary key)

subject -- the subject heading/description

index. This table allows many-to-many links between books and subject headings. It has just two attributes:

subcode -- link to subject id

accno -- link to book accession number

Using this database, answer the following questions:

Question #1:

What publisher is located in GARDEN CITY?

Answer:

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Q 2

Question #2:

How many books in the catalogue come from publishers in NEW YORK?

Answer:

Q 3

Question #3:

Find the average price of a book in the SOCIAL CHANGE subject category.

Answer:

Q 4

Question #4:

How many books from SAN FRANCISCO publishers are about the subject of UNIVERSITIES AND COLLEGES?

Answer:

Q 5

Question #5:

Books in which subject category have the highest average price?

Answer:

Q 6

Question #6:

Among books costing 15 dollars or more, which publisher ranks highest in terms of average book HEIGHT?

Answer:

Next

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