

Data Storage and Retrieval – Assignment 5

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1. Seven Databases, Section 2.4, Day 3, Do problems 1 and 2. For problem 2, get two or more user comments from each student in the class.
2. Discuss whether hubway.trips is normalized.
3. Finish my solution to problem 2d in Assignment 2 (which I wrote in the assignment doc).
 - a. Using the temporary tables in the solution, write sql to make a table with columns charge, homeless arrest rate, non-homeless arrest rate, difference. Arrest rate is number of arrests for the charge divided by total arrests. Difference is the difference between rates, homeless vs. not.
 - b. For the charge with the biggest difference in favor of homeless arrest rate, show the homeless rate and non-homeless arrest rates for each year.
4. Use python with psycpg2 and the matplotlib library to create a histogram of movies by number of words in the title.