Assignment 1 Update (Knowledge Discovery and Data Mining)

If you missed Jan. 19 colloquium to answer problems 1 and 2 read the following paper:

To answer problem 3 compare the contents info for the 2nd edition vs the 1st edition of the textbook books (info is available outline)

Alternatively, instead of problems 1-3 described at the Assignment 1 you can answer the following 3 problems:

Alternative Problem 1 (10 points). An analyst collects surveys from different participants about their likes and dislikes. Subsequently, the analyst uploads the data to a database, corrects erroneous or missing entries, and designs a recommendation algorithm on this basis. Which of the following actions represent data collection, data preprocessing, and data analysis? (a) conducting surveys and uploading to database, (b) correcting missing entries, and (c) designing a recommendation algorithm.

Alternative Problem 2 (10 points). What is the data type of each of the following kinds of attributes (a) Age, (b) Salary, (c) Zip Code, (d) State of Residence, (e) Height, (f) Weight.

Alternative Problem 3 (10 points). An analyst obtains medical notes from a physician for data mining purposes, and then transforms them into a table containing the medicines prescribed for each patient. What is the data type of (a) the original data, and (b) the transformed data. (c) What is the process of transforming the data to the new format called?