Intelligent Data Management - Exercises

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October 17, 2017

1 Assignment 1

1.1 Exercise a

Term i appears in n_i of the N documents

$$IDF_i = log_2(\frac{N}{n_i})$$
$$IDF_i = log_2(\frac{10000000}{40})$$
$$IDF_i = 12$$
(1)

$$IDF_i = log_2(\frac{N}{n_i})$$
$$IDF_i = log_2(\frac{10000000}{10000})$$
$$IDF_i = 7$$
(2)