

Homework Assignment 3

Exercise 3.1

Explain what LSI achieves that the previous retrieval models we saw in the lecture were unable to do?

Exercise 3.2

Explain why zeroing low singular values works when we are reducing the number of dimensions.

Exercise 3.3

Given a term-document matrix and after applying SVD on it, explain in your own words what are the semantics of the U, S and V matrices.