

# CmpE493 - Assignment 3 Report

## A Book Recommendation System

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### Model For Genres

For genres, TF-IDF weighting based cosine similarity scoring is used.

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### Model Parameters

No threshold is used for terms since tf-idf weighting already gives more weights to raw words and gives low weight to common words. Tf-idf weighting provides this functionality by using document frequency informations in addition to term frequencies.

For  $\alpha$ (alpha), I've chosen the value 0.5 since it provides better results than other candidate values.