

Assignment 1B

Use your testbed and the sample search engine as the basis for this assignment.

Modify the sample search engine to include Blind Relevance Feedback (see https://en.wikipedia.org/wiki/Relevance_feedback).

Evaluate your search engine relative to the original system using MAP and NDCG, and using your testbed as well as the testbeds from every other group in class.

You may add other features to improve retrieval if you wish!

Write a short report on the design of your implementation (up to 1 page), followed by the detailed MAP and NDCG calculations/results. You must include a final result that is the average MAP and average NDCG over all testbeds.

Submit your code and your report (as a PDF file) in a ZIP file.

Marking Guide:

- System design: 20
- MAP and NDCG calculations: 40
- Creativity: 20
- Competition: (top 1/3 of class will get 20; second 1/3 will get 15; last 1/3 will get 10)