

1997 Paper 8 Question 10

Information Retrieval

Give a formula for weighting the index terms in a query for an initial search of a document file, and indicate how an overall query-document matching score is computed. [5 marks]

Outline the main features of the general model underpinning this method of weighting and scoring. [5 marks]

What is the motivation for using the various types of information employed in the method you have described? [5 marks]

What further information could you use after conducting an initial search over the file? Sketch how you would apply this to modify the original query and construct a new one. [5 marks]