## **IJARSCT**



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 3, January 2022

## Analysis for Information on the Applicability of Data Structures

## Suparna Roy<sup>1</sup> and Krishna Singh<sup>2</sup>

Assistant Professor, BSC CS, Suman Education Society's LN College, Borivali East, Mumbai, India Student, BSC CS, Suman Education Society's LN College, Borivali East, Mumbai, India 2

**Abstract:** This article aims to provide some insight on the application of data structures in the area of information retrieval. Given the increasing desire and necessity for sharing and examining knowledge, information retrieval is a field of research that is gaining ground. For a very long time, data structures have been the focus of research. epoch in the computer science field. Given the exponential growth of data, it is even more crucial to have effective data structures.

Keywords: Data structures, Information retrieval

## REFERENCES

- [1]. S. Ceri et al., Web Information Retrieval, Data-Centric Systems and Applications, DOI 10.1007/978-3-642-39314-3\_2, © Springer Verlag Berlin Heidelberg 2013
- [2]. Fei Song, W Bruce Croft. A general language model for information retrieval. Proceedings of the eighth international conference on Information and knowledge management (ACM) 1999/11/1. pp316-321
- [3]. Falley. P "Categories of Data Structures", Journal of Computing Sciences in Colleges Papers of the Fourteenth Annual CCSC Midwestern Conference and Papers of the Sixteenth Annual CCSC Rocky Mountain Conference. Volume 23 Issue 1, October 2007. PP. 147-153, 2007-10-01
- [4]. B. Zhou and Y. Yao Evaluating information retrieval system performance based on user preference JIIS, 34:227–248, 2010
- [5]. Rudolf Bayer and Karl Undervaluer, "Prefix B Trees" ACM Transactions on Database Systems, Vol. 2, No. 1, March 1977, Pages 11-26.
- [6]. Morin, Patrick. "Data Structures for Strings", chapter 7, March 2012.
- [7]. Pogue, C. & Willett, P. (1987). Use of Text Signatures for Document Retrieval in a Highly Parallel Environment. Parallel Computing, 4, 259-268.
- [8]. Nicholas. B Elkin, W.B Roces Raft, Retrieval Techniques, Annual Review of Information Science and Technology, Volume 22. 1987. Martha E. Williams, Editor Published for the American Society for Information Science (ASIS) by Elsevier Science Publishers