

Dr.S.Vijayarani  
Assistant Professor,  
Department of Computer Science,  
Bharathiar University,  
Coimbatore – 641046  
E-mail: vijayarani@buc.edu.in

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1. S Vijayarani, E Suganya, C Navya, “A Comprehensive Analysis of Crime Analysis Using Data Mining Techniques”, International Journal of Computer Science Engineering, Vol. 9 No. 1, pp – 114 -123, Jan-Feb 2020. ISSN : 2319-7323
2. S Sharmila, S Vijayarani, “Association rule mining using fuzzy logic and whale optimization algorithm”, Soft Computing, 1-16, 2020
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5. C Sivamathi, S Vijayarani, “A utility-based approach for business intelligence to discover beneficial itemsets with or without negative profit in retail business industry”, International Journal of Business Intelligence and Data Mining, Vol 16, Issue 3, 361-380
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7. VJ Tharini, S Vijayarani, “Bio-inspired High-Utility Item Framework based Particle Swarm Optimization Tree Algorithms for Mining High Utility Itemset”, International Conference on Advances in Computational Intelligence and Informatics, Vol 119, pp. 265-276, April 2020.

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15. C Sivamathi, S Vijayarani, “Promoting Business Activities Using Utility Mining Techniques”, Handbook of Research on Promoting Business Process Improvement Through Inventory Control Techniques, IGI Global, pp520-533, 2018.
16. Dr. S. Vijayarani, Mrs. C. Sivamathi, Ms. V. Jeevika Tharini, “Comparative Analysis of On-Shelf Utility Mining Algorithm”, International Journal of Scientific Research in Science and Technology, Volume 4 , Issue 5, pp 1678-1684, 2018.
17. R Janani, S Vijayarani, “Text Document Clustering Using Artificial Bee Colony with Bisecting K-Means Algorithm”, International Journal of Advanced Research in Computer Science, Vol 9, Issue 1,2018.

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