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| Book Name: | [**Science and Technology: Developments and Applications**](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4809** |
| Title of the Manuscript: | **Efficient Spam Detection on X (formerly Twitter): A Hybrid Artificial Neural Network and Fuzzy Decision Tree Approach** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Tuijin Jishu/Journal of Propulsion Technology, 45(3): 3837-3847, 2024.**

**DOI:** [**https://doi.org/10.52783/tjjpt.v45.i03.7864**](https://doi.org/10.52783/tjjpt.v45.i03.7864)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The manuscript presents a hybrid approach combining Artificial Neural Networks (ANN) and Fuzzy Decision Trees (FDT) to improve spam detection on X (formerly Twitter). The study is well-structured and provides a significant contribution to online spam detection. The research methodology is robust, and the experimental results demonstrate the effectiveness of the proposed approach. The large dataset used strengthens the validity of the results. However, the manuscript has some areas that require improvements.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title is suitable and accurately reflects the study. No changes are required.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract provides a clear summary of the study, but it can be improved by explicitly stating the improvement percentage over existing techniques and summarizing the key performance metrics (e.g., accuracy, precision, recall).** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, the methodology is scientifically sound, and the approach is well-validated. However, the computational complexity and scalability aspects should be discussed further to enhance the depth of the analysis.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The references are sufficient and include recent studies. However, adding a few more citations from the last two years on hybrid spam detection techniques would strengthen the literature review.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The language is generally clear and suitable for scholarly communication. However, minor grammatical errors should be corrected to enhance readability and clarity.** |  |
| Optional/General comments | **The study presents a well-defined hybrid approach and demonstrates significant improvements over traditional spam detection methods. A comparative discussion with real-world deployment scenarios would further validate the model's practicality.**  **The authors should also discuss potential limitations and future enhancements, such as handling evolving spam patterns and adapting to new social media platforms.** |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** |  |  |

**Reviewers:**

**Shalini Gambhir, Vivekananda Institute Of Professional Studies, India**