LITERATURE SURVEY- OPTIMIZE SPAM FILTERING

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Team ID	NM2023TMID18550
Project Name	Optimize Spam Filtering
Maximum Marks	3 Marks

- Munmun Bhattacharya et al says that- We then review and summarize the existing state of art survey works on OSN security, and indicate the merits and limitations of these survey works. Next, we review all recent works that aim to provide ML-based solutions toward defense of security attacks on OSNs. Finally, we discuss the future road-map on OSN security and provide a comprehensive analysis on the open research issues with feasible measurements and possible solutions.

- T. Kumaresan et al says that-This technique makes classification better and it is an effective method because it does not depend on extracting text and examining the content of email. A SVM classifier with kernel function is used to identify an image spam and also the accuracy will be calculated.

- Bahriye Akay et al says that -We compare the proposed model's spam detection performance to those of support vector machine, logistic regression, and naive Bayes classifiers, in addition to the performance of the state-of-the-art methods reported by previous studies. We observe that the proposed method outperforms other spam detection techniques considered in this study in terms of classification accuracy.

- S Zhou et al says that- In view of this situation, a new model called multi-modal architecture based on model fusion (MMA-MF) is proposed, which use a multi-modal fusion method to ensure it could effectively filter spam whether it is hidden in the text or in the image. The model fuses a Convolutional Neural Network (CNN) model and a Long Short-Term Memory (LSTM)

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- Madalina ZURINI2 et al says that -A model for optimization the promoting process via email is created for reaching the threshold of profitability for electronic business. The model implements Bayesian spam filtering and applies an internal classification, using the principles of conditioned probabilities

- JR Méndez et al says that- Its applicability has been verified by comparing its results with those obtained by the default SpamAssassin software as well as four well-known anti-spam filtering techniques such as Naïve Bayes, Flexible Bayes, Adaboost and Support Vector Machines in two different case studies. The performance of the proposed alternative clearly outperforms existing approaches working in a cost-sensitive scenario.

- D Findlay et al says that- One major benefit with the TR-IRLS algorithm is that it is very fast compared to the GA, which takes hours to run. With more work to improve the scoring process using TR-IRLS, it should be possible to develop a replacement for the GA that is superior in all situations.

- BB Meshram et al says that- It is more robust and generates optimal result and also reduces the computational complexity problems. Additionally, the proposed approach demonstrated improved performance in terms of metrics like precision, recall, and F-measure, which were measured using a 5k

continuous dataset and yielded values of 0.894, 0.903, and 0.898, respectively.

- Z Zhang et al says that- The experiments include “obstacles avoidance” and “obstacles avoidance + target tracking” parts. Comparing with manual control and other algorithms, the bionic dynamic path planning algorithm in this article showed certain advantages in success rate, less obstacles collisions, and less major accidents.

- C Pei et al says that- Meanwhile, the moisture content of the washing fly ash is reduced to 28–30%. By comparing with the actual construction project, it is found that under a disposal capacity of 100 t/d, the cyclic gradient washing dechlorination process can reduce the installed power by 30.3%, the floor space by 32.9%, the treatment volume of washing filtrate by 11.1%, and the drying load by 27.9% compared to the traditional three-stage counter-current washing and dechlorination process.

- J Henrottin et al says that- Multiple Mass Spectrometry (MS) methods have been developed so far and applied for single and multi-allergen detection in foods, generating a heterogeneous literature on this topic, with little attention paid to the extraction and the digestion steps, crucial in delivering accurate allergen measurements.

- G Roth-Dietrich et al says that- This is followed by the calculation of a forecast of the behavior of the system based on weather forecasts of local weather services. Users of the system can use the findings from the predictive analytics methods to achieve the automated optimization of the system parameters and thus increase the efficiency of the system.

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