

More Like This

▶ ISBN Information:

Publisher: IEEE

Conference Location: Sonepat, India

Himani Jain

Quantum University, Roorkee, Uttarakhand

Mahadev Mahadev

Dept of CSE, Quantum University, Roorkee, Uttarakhand

Contents

#### 1. Introduction

As the number of Internet users increases, email and text messaging have proven to be an effective and popular mode of communication. Spam is usually described as the transmission of unsolicited SMS, that is sent to many recipients without their prior consent [1]. With widespread availability of smart phone spammers are sending SMS over the social media. SMS is a very low-cost medium for communicating with others. Now everyone has a smart phone and everyone is now using social media, so spammers send the message to their social media like twitter, WhatsApp, Instagram, Facebook [2]. WhatsApp ratio is higher than other medium. So, spammers just send unsolicited link and message to them. The main objectives of spammers is to use user data such as username, password, and their personal information in illegal way [3]. They may enforce numerous approaches to snipping their data, hence, SMS messages is one the most upfront strategies. It has been seen that various attack are occurs due to email, but the easiness and wide usage of phones have made phishers deliberate SMS messages as a appropriate method. In phishing attacks, the Spammer sends a malicious URL using SMS messages and requests users to visit that URL address in order to snip sensitive and Segsanabin Continution Readinthe user's mobile phone [4]. Moreover, there is no limitation for spammers they can simply purchase a lot of call numbers within any country and send unwanted SMS messages. So, it is very challenging to identify and differentiate attackers based on their mobile number. Therefore, in the current study we introduced a vary classification model to detect SMS spam messages in order to improve the challenges in effective manner with high detection rate. Spam detection is a very tedious task so we have used content-based classification technique for features extraction from the text of the message. Because in dataset there are a lot of noisy and irrelevant data are there which increase the training time and reduce the efficiency so we have to extract the relevant features. Some most common classifiers we have used for spam detection are SVMs, Naïve Bayes, Artificial Neural Network, and Random Forests. These classifiers need a way to extract features from the text. The most common model for feature extraction is Bag - of - words (Bow). There are different weighing schemes in Bow model like Term Frequency (TF), Inverse Document Frequency (TF - IDF) etc., but all of them uses the token frequency in some form. The rest of the part proceeds as follows:

Authors	• •
Himani Jain	
Quantum University, Roorkee, Uttarakhand	
Mahadev Mahadev	
Dept of CSE, Quantum University, Roorkee, Uttarakhand	
Figures	~
References	<b>~</b>
Citations	<b>~</b>
Keywords	~

Authors

	Metrics	~
Back to Results		
More Like This		
	ssages In E-Messaging Platform Using Machine Learning Conference on Computational Intelligence and Communication Technologies (CCICT)	
2022 Fifth International C Published: 2022 Performance evaluation		
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor
2022 Fifth International C Published: 2022 Performance evaluation 2022 International Confe	Conference on Computational Intelligence and Communication Technologies (CCICT)  of Spam and Non-Spam E-mail detection using Machine Learning algorithms	Show Mor

**CONTACT & SUPPORT** 

**IEEE Personal Account Purchase Details Profile Information Need Help? Follow** f @ in D **CHANGE** PAYMENT OPTIONS COMMUNICATIONS US & CANADA: +1 800 USERNAME/PASSWORD **PREFERENCES** 678 4333 VIEW PURCHASED WORLDWIDE: +1 732 **DOCUMENTS PROFESSION AND EDUCATION** 981 0060

**TECHNICAL INTERESTS** 

About IEEE *Xplore* | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | IEEE Ethics Reporting 🔀 | Sitemap | IEEE Privacy Policy

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2023 IEEE - All rights reserved.

## **IEEE Account**

- » Change Username/Password
- » Update Address

### **Purchase Details**

- » Payment Options
- » Order History
- » View Purchased Documents

#### **Profile Information**

- » Communications Preferences
- » Profession and Education
- » Technical Interests

# Need Help?

- » US & Canada: +1 800 678 4333» Worldwide: +1 732 981 0060
- » Contact & Support

About IEEE Xplore | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2023 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.