DETECTION OF ONLINE SPREAD TERRORISM USING WEB DATA MINING

Aniket Subhash Dhanawade*1

*1Research Student, Department of Information Technology, B. K. Birla College of Arts, Science and Commerce (Autonomous), Kalyan, India.

ABSTRACT

Terrorism is an unethical violet strategy create fear among the public and pose national threats. Its effect all over the world. In this research paper we have tried to give general opinion or ideas for detecting online spread terrorism through web data mining. For crime detection problems can be data mining used. As cyber crime increasing day by day, difference kind of activities related to cyber crimes going on and difficulties remain nothing change to sort it. Through analysis, differences algorithms, observations, already published articles We have made this kind of synopsis

Keywords: data mining, terrorism, web mining, terrorist organization.

I. INTRODUCTION

All terrorist activities are taking place through the web, their infrastructure based on the web for multiple purpose. The web data mining is used track the terror activities which is focused on tracking abnormal contents through online such as site generated by terrorist which may include examining the information that is utilized by the users by web. This terrorist tracking system has two modes of operations. 1- The mode of training 2- The mode of detection. The training mode is determine the likes and interest of typical terrorist groups. The mode of detection in this system is used to perform real time analyzing the traffic on web. The web data mining needs innovative applications that are to be used in data mining.

II. OBJECTIVES

To know how detection of terrorist activities important for people.

This objective is achieved by survey analysis, hence we present hypothesis

Hypothesis:

1-This system is the best way to detect terrorist activities because people can develop a website where users can check any website for any trace of terrorist activity

2-This system is best way to detect terrorist activity who help to people can alert from terrorist activity because this system detects fake websites who controlled by terrorist organizations

III. LITERATURE REVIEW

[1] They proposed relation with big and streaming data are emphasized. [2] Domestic terrorism is rapidly growing in the recent decade and internet is fuelling its growth. Domestic terrorism cases studied in United states. [3] They proposed system is used with the geo spatial plot the crime analyst may choose a time range and one or more types of crime from certain pages. [4] They proposed to create text classification system which classified the document using several algorithms required to facilities to expert in investigating cyber terrorism. [5] They proposed to track the percentage increase in terrorism over the past 46 years from 1970 to 2016 world wide. Data mining strategy also predicts those regions that are the to becoming the next hubs of terrorist activities. [6] They proposed the terrorism has emerged as an immediate and most potent threat to the world. This thread develops and developing countries have emerged as front-line states. [7] Data mining has been an active research area for a last decade. This is usefulness to variety of tasks increasing crime control. [8] They proposed to, an understanding to show how ILM works and the importance of this approach in identifying key nodes in terrorist networks. [9] Dark web mining has rapidly growing research area. They proposed to detect and avoid terrorism threats caused by terrorist all over the world. The use of internet rapidly increased. [10] The proposed mechanism detects the terrorism and prevent its spreading before certain time. Terrorist
group utilized the internet as a medium to convince innocent people to take part in terrorist activities. 

[11] They proposed to implement an efficient web data mining system to detect such as web data properties and flag then for further human review. A system with the primary goal of developing a website where users can check any website for any trace of terrorist activity. [12] They proposed data mining approach for detecting the online spread terrorism. Recent advance in technology have able to detect fake websites who controlled by terrorist organizations. [13] Reduced the human efforts, its implemented the system which detect terrorist groups in social media. This system for major causes detects terrorist group in internet and social media.

IV. METHODOLOGY

The proposed research problem is to detect the online spread terrorism using web data mining since quantitative data is used to achieve that aim. Primary data is collected for the data collection. In this paper sampling method was used for an online survey form. The survey form was created using Google form. The survey link was circulated in social media platform. The questionnaire in the survey form were designed in such way to test the proposed objective. The survey was collected from Ratnagiri district of India. There was 30 people's take a part in survey. Among that 52.9% were male and 47.1% were female. Chi-square test was applied to analyse the quantitative data because it is suitable method to attain the proposed objectives.

V. EXPERIMENT

Chi-square test is used to analyse the data in statistical way. The outcome of the test got $\chi^2$ calculated as 42.192 and $\chi^2$ tabulated as 5.991 at significance level 0.05. Since $\chi^2$ tabulated < $\chi^2$ calculated here. The hypothesis is accepted.

By the scenario (as shown in fig.1) it is accepted that the people's are more conscious about their personal system or organizational information against any online terrorist attack.

VI. RESULT

From the experiment it is proved that the people need special website to detect terrorist activity, since Nowadays such terrorist activities increasingly day by day peoples are more conscious about their data. By applying Chi-square test on quantitative data proposed hypothesis is accepted. And also form the analysis it’s realized that populations are secure about their personal as well as organizational data.
VII. CONCLUSION

People think that the internet is not safe because of online terrorist activities. According to the experiment, it has included that people want to detect terrorist activities by using the software. So, this is the best website to detect the online spread of terrorism. This article has also analysed that, nowadays people are more fretful about their data security so, they want to protect against an online terrorist attack or cyber-attack.

ACKNOWLEDGEMENT

A special gratitude is conveyed to our prof. Swapna Augustine Nikale, Department of Information Technology of B. K. Birla College of Arts, Science & Commerce (Autonomous) Kalyan, Thane, also thanks to the participants who responded the survey.

VI. REFERENCES


