

FRAMEWORK FOR SURVEILLANCE OF MULTILINGUAL CONTENTS FROM EMAILS

MOHD MAHMOOD ALI¹, MOHAMMED KHAJA MOIZUDDIN² & LAKSHMI RAJAMANI³

¹ Department of CSE, Muffakham Jah College of Engineering & Technology, Banjara Hills, Hyderabad, India

² Department of CS & SE Hail, College of Computer Science, University of Hail, Hail, Saudia Arabia

³ University College of Engineering, Osmania University, Hyderabad, India

ABSTRACT

The new trend of spammers and criminals in emails, for communicating spam and suspicious messages is via images embedded with multilingual text. We present an anti-spam and suspicious filtering framework for text-based and image-text messages with multilingual support. These suspicious messages are further classified that aid in predicting suspected cyber crime with details of culprits. Experimental result shows the precision efficacy of proposed system achieves best results with minimum false positive, when compared with existing state of spam filters.

Categories and Subject Descriptors

H.3.3 [Information Search and Retrieval]: Information filtering – Retrieval model, Search process, Selection process

General Terms

Design, Algorithms, Experimentation

KEYWORDS: Image-Text, Spam, Suspicious, Multilingual, Bayesian Classifier