

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311039655 A

(19) INDIA

(22) Date of filing of Application :09/06/2023

(43) Publication Date : 07/07/2023

(54) Title of the invention : SYSTEM TO IDENTIFY MALICIOUS UNIFORM RESOURCE LOCATORS (URLS)

(51) International classification :G06F 169550, G06F 215500, G11B 201000, H04L 430260, H04L 675000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(57) Abstract :

The present disclosure relates to a system 100 and method 300 to identify malicious uniform resource locators (URLs). The system 100 receives a dataset containing one or more URLs from a trained machine learning model and preprocesses the received dataset containing one or more URLs to extract a set of attributes. Additionally, the system 100 inputs the extracted set of attributes to the trained machine learning model through one or more computing devices 112 and responds to the input of the extracted set of attributes to indicate one or more malicious URLs. The system correspondingly send an alert to the one or more users (114) through the one or more computing devices (112) on detection of the one or more malicious URLs.

No. of Pages : 22 No. of Claims : 7