

Problem Statement

PS010005 Fake Social Media Profile Detection And Reporting



TEAM MEMBERS

Team Id: TM001823

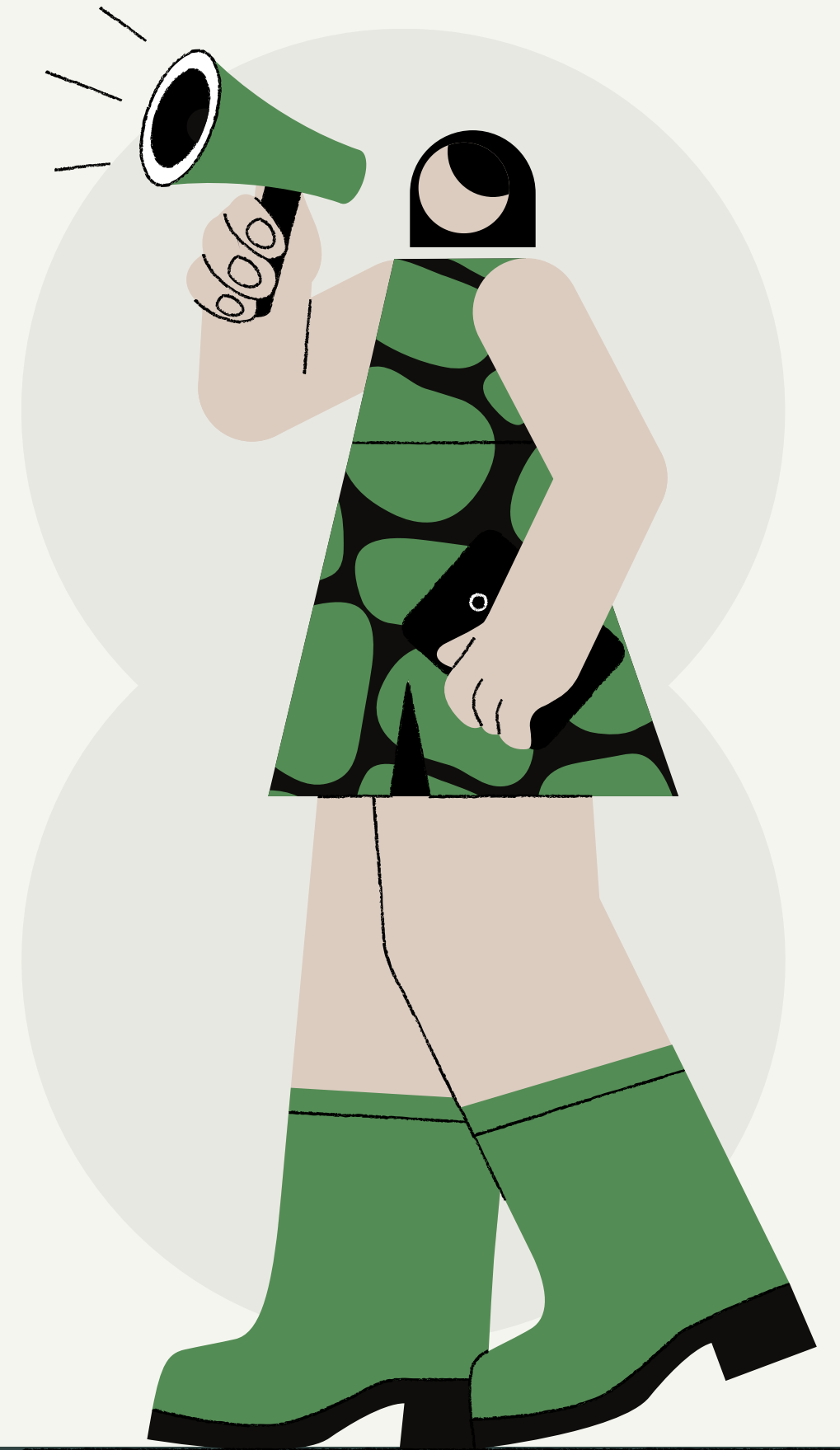
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INTRODUCTION

Social media platforms have become increasingly popular, but they also face challenges such as the proliferation of fake profiles and misuse for illegal activities.

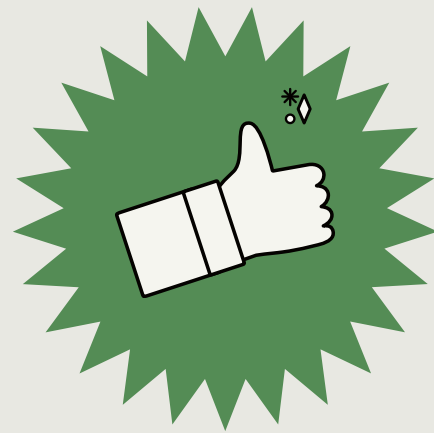
Fake profiles on Social media are increasingly being created to spread misinformation, spam, and propaganda. Our deep learning-based solution uses a neural network to detect and flag these profiles, providing a comprehensive report with a percentage-based indicator and tags of the likelihood of a fake account. This approach could help reduce hazardous information on social media.



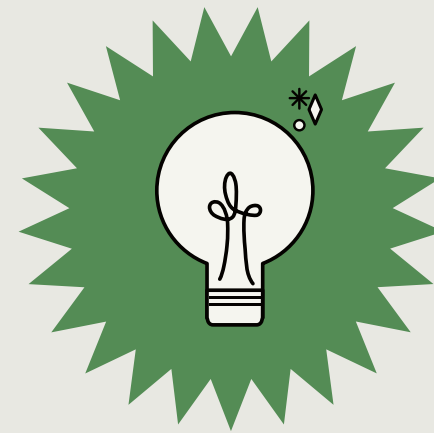
WHY THIS PROBLEM STATEMENT ?

- **It is a challenging one as Fake social media profiles are becoming increasingly sophisticated, and it can be difficult to distinguish them from real accounts.**
- **Detecting fake social media accounts is crucial for preventing phishing, scams, and malicious links, safeguarding users' personal information and financial security in the cryptocurrency-related era.**

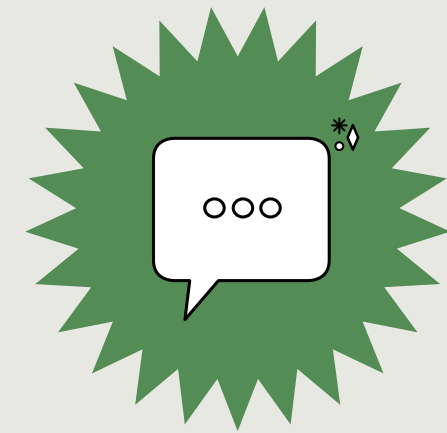
WHY ONLY TWITTER ?



Mainstream and
Trusted Platform
with a large user
base



Twitter's real-time
data and user-
generated tags can be
used to address current
issues and emerging
threats, and support
investigations.



Twitter's text
dominated content and
minimal multimedia
content make it easier
to identify suspicious
patterns and language
use in fake profiles.

PARAMETERS

**FAKE
NEWS**

GENUINE

SCAM(NER)

**FAKE
FOLLOWERS**

**CYBER
BULLYING**

NUDITY

**BRAND
IMPERSONATION**

**HATE
SPEECH**

**POLITICAL
MANIPULATION**

SPAM

HARRASMENT

IMPERSONATION



Tweet

489 Tweet



BE ORIGINAL

Edit Profile

Emma Johnson

@EmmaEnigma

🕒 Born January 1, 1996 📅 Joined January 2019

69 Following 10.3k Followers



Liam Williams

@LiamWanderlust



"Get rich quick with this amazing investment scheme! 🚀💰 #MoneyMachine"

4:05 PM · Jun 28, 2020

1.3K Retweets 175 Quote Tweets 7.8K Likes



Sophia Martinez

@SophiaStargazer



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BARACK OBAMA is INJURED 💀😱

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Noah Anderson

@NoahNomad



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12:00 PM · Jun 1, 2021

5.6K Retweets **212** Quote Tweets **5** Likes



Olivia Ramirez

@OliviaOracle



The Indian people should see the effort this guy
[@Politician](#) puts for this event for development part
[#trending_hashtag](#)
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12:00 PM · Jun 1, 2021

51 Retweets **37** Quote Tweets **14** Likes





THANK
YOU