

# Analysis

# Topic : Fake Social Media Profile detection and reporting.

# Description :

- ① Develop an automated system to analyze social media profiles and identify potential fake accounts.
- ② Develop a user-friendly interface for reporting suspicious profiles to social media platforms.

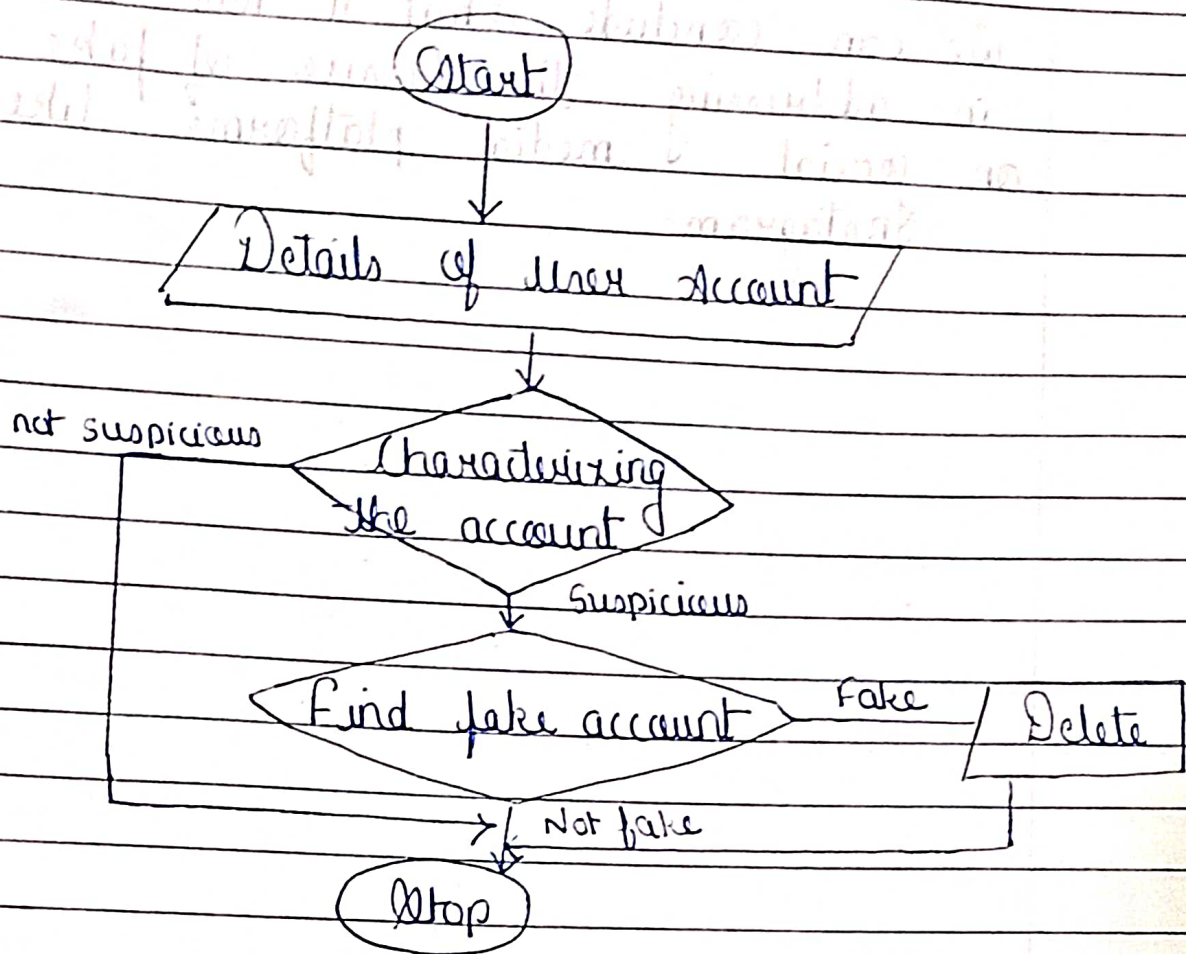
# Solution :

- ① Develop an algorithm that analyzes profile information for inconsistencies, such as mismatched names or suspicious bios.
- ② Use machine learning techniques to analyze engagement patterns, such as unusually high or low interaction rates, to flag suspicious accounts.

# Technologies :

- ① Machine learning techniques : Random Forest, Support Vector Machine, Neural Networks.
- ② Python and libraries like Sklearn, Pandas and Numpy.
- ③ Dataset : Kaggle.

## # Flowchart



### Input -

- User profiles :- The input would consist of social media profiles details that need to be analysed for potential fakeness.
- This includes profile information such as name, bio, profile pictures etc.

### Output -

#### Detection Results :-

- The Output would be a report indicating the likelihood of a profile being fake based on the analysis.



### Conclusion:

We can conclude that it has been successful in addressing the issue of fake profiles on social media platforms like Instagram.