



INSTAGRAM FAKE PROFILE DETECTION



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Problem Statement

This includes the explanation of problem.

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Objective

This includes about what we are trying to solve through our project.


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Workflow

This includes the proper workflow of our project.

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This includes different modules of our project.

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This includes the outputs we are expecting from our project.

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Schedule of Project

This includes the scheduled process of whole project.



PROBLEM STATEMENT

Fakes and spammers are a major problem on all social media platforms, including Instagram. This is hackathon project in which I set

out to find ways of detecting them using machine learning. In this dataset fake and spammer are interchangeable terms.



OBJECTIVE OF PROJECT

The objective of our project is given below:


- To develop a robust solution for spammer/fake accounts, after carefully examining each instance.
- To leverage machine learning so that high level of accuracy can be achieved.

- Proper Data Insights and Patterns can be identified





WORKFLOW OF PROJECT



Dataset
Exploration



Handling of
Outliers



Neural Network
Development



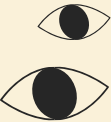
Data Insights



Evaluation



Testing and





MODULES OF THE PROJECT

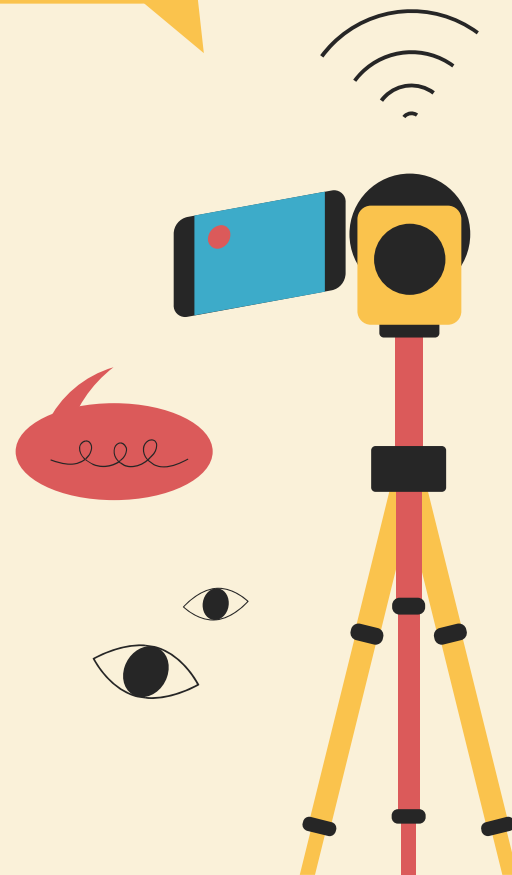
- Module I - Initial Data Exploration
- Module II - Data Wrangling
- Module III - Data Insights
- Module IV - Core Neural Network Development
- Module V - Evaluation
- Module VI - Testing and Inference





Modules - Work Division

1. Harsh Kumar Sharma(082) - **Module I**- Initial Data Exploration ; **Module II**- Data Wrangling
1. Harsh Sharma(085) - **Module III**- Data Insights ; **Module IV**- Core Neural Network Development
1. Anurag Pancholi(075) - **Module V**- Evaluation; **Module VI**- Testing and Inference



Output Deliverables



- To develop a robust solution for spammer/fake accounts, after carefully examining each instance.
- To leverage machine learning so that high level of accuracy can be achieved.
- Proper Data Insights and Patterns can be identified



Schedule

21-03-22 - Initial Work Phase

24-03-22 - Dataset Exploration

28-03-22 - Handling Outliers Module

31-03-22 - Data Insights Module

07-04-22 - Neural Network Development

10-04-22 - Evaluation Module

14-04-22 - Testing and Inference Module





Thank You