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1. My manager at Deloitte (Ilyas Abeldinov) 2021-05-16
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**AI powered fraud detecting application: An Analysis Under Emotion Content Theory**

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**INTRODUCTION:** This paper proposes a solution in detecting suspicious transactions in large databases. Auditor’s day to day job includes in analysing journal entries of selected entity also called General Ledger and looking for anomalies, and sometimes becomes to tedious and monotonous routine. AI powered tool would serve as an automated assistant in flagging activities which serve interest for auditors. Possible weakness of this solution is if criminals use it to understand which variables play a crucial role in flagging entries.

**Modern Challenges that Audit teams face**

Due to rapid evolution of technology in our society has led to explosion of transactions around the world, that audit teams have to evaluate at the end of every fiscal year.

Sometimes auditors do not have enough time to thoroughly investigate dataset, due to time constraint and huge dataset.

Human negligence and inexperience can play a role in missing out fraud.

People can be corrupt even in auditing world.

**Modern problems require modern solutions**

Machine Learning powered system would look for fraudulent activities.

It will be trained on prepared data by human for the AI to understand which transactions should be flagged in future.

Auditors in return will evaluate proposed results of AI and in case of error, will have to tweak to make more precise results in future.

**Challenges for this solution to overcome**

Can be used to understand which transactions get flagged by criminals.

Can lead to technology arms race between auditors and financial criminals.

**Conclusion**

Auditing world is a constant battle with the enemy which continuously evolves and adapts to new ways in hiding their traces in financial crime. So it is natural to improve the techniques in catching bad guys that harm and steal up to trillions of dollars from world economy.

**Summary**

This paper has introduced problems auditors have to deal when evaluating client with enormous amounts of data nowadays. How criminals use human negligence and error to benefit their own pockets. And how AI could benefit society from getting robbed and prevent from future malicious actions in finance, with possible weaknesses which might arise when this technology widely implements in fraud detecting cases.

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