Idea/Prototype/solution

Use Random Forest

Train Model By giving Features like Annual Income, Basic spendings on School Fees Etc.

Clustering Algorithm

To find patterns in Transaction History of people who have done Income Tax Fraud, Cluster Such People. Model will Predict That given transaction History somewhat Shows same pattern as like of Fraudulent Person.

Use Machine Learning

Neural Networks: Give all transaction Details as an Feature to the Model.Also consider extra weightage for Tax Day behaviours around Nov, Dec, Jan, Feb.

Django

A Python-based Web application which will provide a user Interface for both government bodies and layman so that they can use this software and have a wonderful and smooth Experience.

Technology Stack

Neural Networks,

Desicion trees and Random Forest.

Clusttering Algo.

Machine Learning

Data Preprocessing using open cv.

Getting data througWeb scraping.

Data Science

Django for making user interface having proposed ML algorithms at backend.

Web Application

USE CASE

Usually, People do Fraud By somehow making their Money enter into any Financial Institution without Anybody noticing that, So Say Manan is Doing Fraud in filing ITR. Now He is very Rich, but he shows Less income. But His children go to a very Expensive Schools; His wife does a lot of shopping, He buys some fancy stuff using his debit or credit cards
, He has Some legit properties in his name. Ideally by
just keeping Track of his bank Transactions
We can keep Track of at least 60% of Transaction which can confidently show that Manan is
Doing something WRONG somewhere.

There Are a lot of usecases where we already have data of existed criminals which we can use to track the pattern in these kind of activities.

We are the right Team to do the job!

Dependencies:

1). GPU's for training Models.

2). Synchronised Info from various Government Bodies.

Data is Valuable today. Government Institutions have sufficient Data to keep track of such Fraud Income Tax cases with fair percentage of Accuracy, and we understand this completely. In our Team most of us are working on Machine Learning Projects, We have fair idea of How Data will help us achieving the goal of stopping Tax evasion.