

Technology Bucket : Finance

Company Name: FIS Solutions(India)

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Category: Software

Problem Code : AK2

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## IDEA

Instantaneous analysis of the submitted data of an individual using a model that is pre-trained to detect Income Tax fraud using the all the possible cases of doing fraud.

We use  
Deep Learning

# Idea / Approach details

1. Predict the possibility of an individual doing an Income Tax fraud by analyzing the economic expenses and way of living.
2. This model could be deployed at any situation where it is required to check the eligibility of a person for exemptions from paying Tax and for providing any other allowances and benefits.

Data: History of Expenses Including all the assets and Liabilities Of Individuals

Hardware: Raspberry Pi(For Deployment)

Software: Python with installed packages(TensorFlow, Keras), Cloud for database

Algorithms: Fraud detection using Random Forest, K-Means, Support Vector Machines