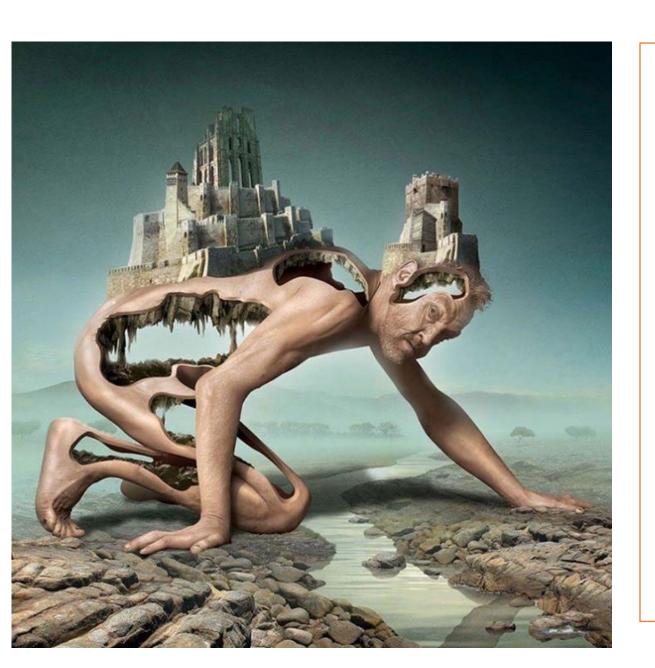


Claims Fraud In India



According to a report from Financial Express Apr' 20, Insurance companies lose over US\$6.25 billion to frauds which results in higher premiums for genuine consumers



10 Arrested In Madhya Pradesh **Insurance Fraud Worth Crores** However, the sheen of intelligent Al and data analytics — now equitions papers which bring dead men alive — has started to blur out those papers which bring dead men alive — has started to blur out those papers which bring dead men alive — has started to blur out the same of the sa

The police, posed as insurance agents, conducted a covert operation to bust the rac gang's modus operandi.

<mark>Irgaon</mark> Mumbai Delhi Bengaluru Hyderabad Kolkata Chennai Agra Agartala Ahmedabad Ajmer Allahabad Amara**Q**iti **Ξ**Amr yana STF busts insurance scam using dead cancer patiente THE ECONOMIC TIMES | wealth English Edition ▼ | E-Paper

Insurers stop policy sales in over 60 localities to prevent fraudulent claims



MUMBAI: Recent frauds in small towns such as Ganjam in Odisha and Kubernagar in Gujarat have prompted insurers such as LIC, ICICI Prudential Life and HDFC Life to ban their agents from selling policies in over 60 localities to prevent fraudulent claims.

Insurance companies have blacklisted some centres such as Meerut and Moradabad in Uttar Pradesh and Darbhanga, Begusarai and Bhagalpur in Bihar. Some other centres like Guntur, Kurnool and Visakhapatnam in Andhra Pradesh are in the negative location list.

Claiming A Lin

trade.

However, the sheen of 'intelligent' AI and data analytics —



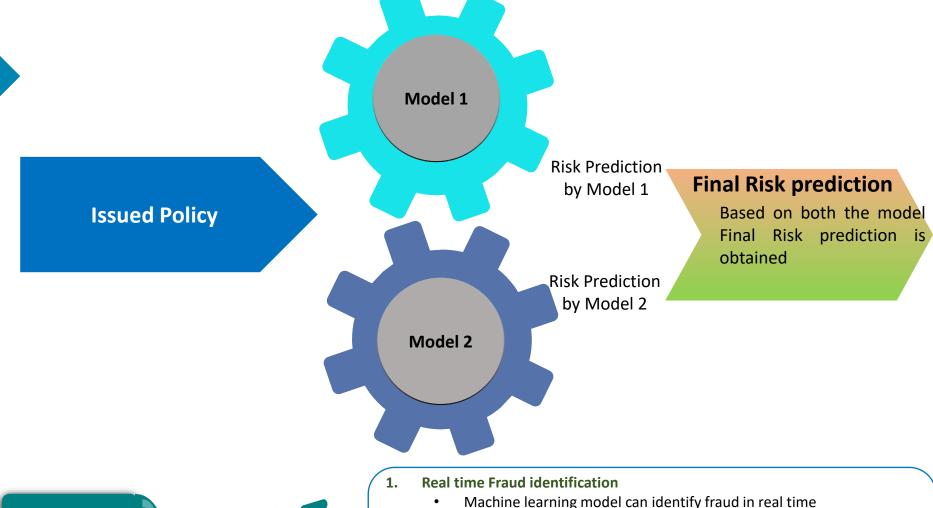
Predictive Model using Machine learning Technique

Benefits

Early Claim Model



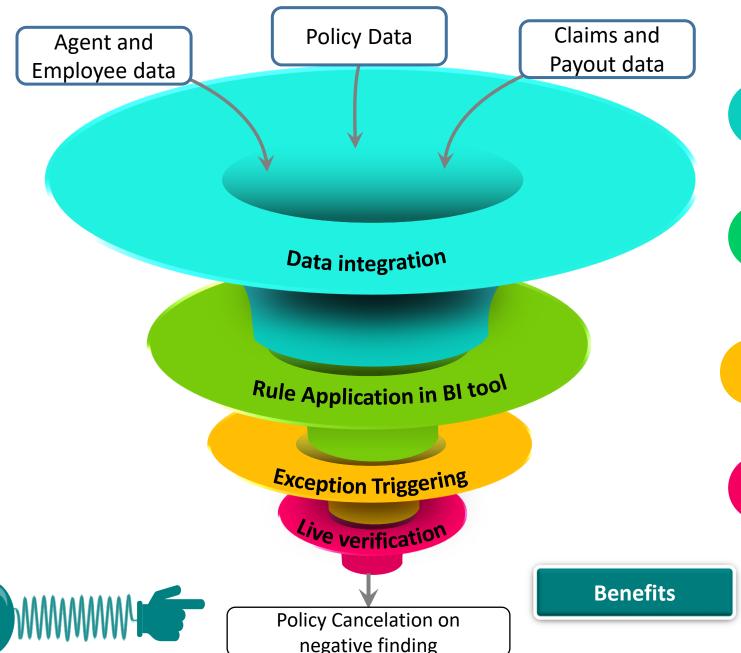
- An advancement to rulebase techniques, wherein insurers provide scores to rule-based indicators (either manual or automated)
- Based on fraud propensity policies scores, classified into various segments such as high, medium and are subsequently referred to for further investigations



Fast and Efficient

- Machine learning model can run the model on large dataset effectively
- **Continuous learning model**
 - Predictive model can continuously learn from the regular investigation feedback

Early Warning Signals



Data integration

Data integration involves combining data residing in different sources such as policy data, Customer details, Claims data, Payment data and Agent employee data

Rule Application

32 Rules are built inhouse by doing extensive data analysis on the data sets using BI tools. Rule-based modeling is a modeling approach that uses a set of rules that indirectly specifies a machine learning in a controlled manner, These rules are applied in BI tool

Exceptions Triggering

Daily exception report will provide policy which are high risk as per the EWS rule,, This report also provide information for surveillance as well

Live Verification

Basis on the exception reports high risk cases are sent for investigation and after investigation finding policies are cancelled

- . Real time Fraud identification
 - Model can identify fraud in real time
- 2. Fast and Efficient
 - Model can run the model on large dataset effectively

Investigations during Pandemic

BCP process in wake of COVID

- Lockdown and containment zones
- Neither customers were ready to meet physically nor investigators were ready to travel

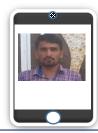
Alternative Applied











BCP Questionnaire created

Social Media Verification

Verification through Video call

Frauds Identified



Impersonation



Policies by Fraud Cartels



Medical Non-Disclosure

Digital Transformation – Face Recognition



Use Case

Impersonation: will be able to identify if the customer photograph in KYC is same as that of live photograph

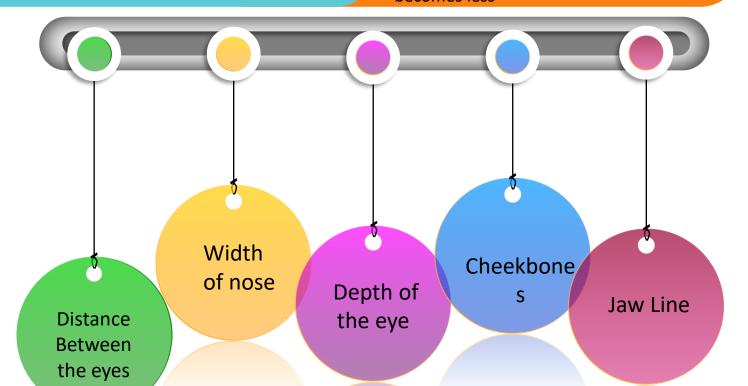
Digital Customer Verification:During video call would be able to identify person on video is same as that of KYC photo

Benefits

Reduction in investigation cost Remote investigation would help in sending lesser cases to field

Reduction in Investigation TAT

Better efficacy: With
automation, chances of
compromised investigations
becomes less



Disruptive approach towards Fraud Mitigation



LET'S FIGHT FRAUD TOGETHER

Nirmal Paul

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