

Leveraging Big Data and ML for better targeting of Welfare Schemes and thereby providing savings to the Government

Introduction

Every state in India spends huge amounts every year towards different welfare schemes. Amount varies between RS 10,000 Cr to Rs 40,000 Cr per state. Given scarcity of resources, every effort should be made to ensure only the most deserving gets these benefits. Identity fraud, eligibility fraud in all welfare programmes has always been an issue for every state/Central Government.

Identity Fraud is solved in the country

Identity fraud i.e. Bogus beneficiaries', duplicate beneficiaries, ensuring identity of beneficiary has been largely addressed using Aadhar.

Eligibility fraud remains

Eligibility fraud still remains unsolved in the country by any state Government. This requires comparison of beneficiary database with the other databases such as Government/retired employee, people who passed away, Four wheelers, Land etc. Aadhar is not available in all data bases. Using Aadhar for linking different data bases is not permitted as per Judicial position.

Why Eligibility fraud is not solved

Very large Volumes, and the variety i.e. the way demographic information is recorded in various databases is very high, with non-availability of unique key across the databases has been the challenge.

Many states have attempted to solve this without much success. Conventional technologies cannot address above problems effectively.



Big Data and ML based Solution

Posidex Technologies has developed a Big Data and ML based Entity Resolution Technology, that can link records efficiently, precisely and quickly on any volume of data, without dependence on any common key.

It can save few hundred Crores every year for the State Government by identifying the leakages.

About Posidex

Posidex is India's leading provider of entity resolution software products and solutions. Posidex products are used by many financial institutions, insurance, retail and government organizations for meeting their entity resolution requirements in their critical process such as customer due diligence, compliance and risk mitigation.

Solutions to Government

Posidex has provided solutions to the following Governments

- Central Board of Indirect Taxes and Customs, Government of India
- Government of Telangana
- Government of Tamilnadu
- Central Board of Direct Taxes, Government of India