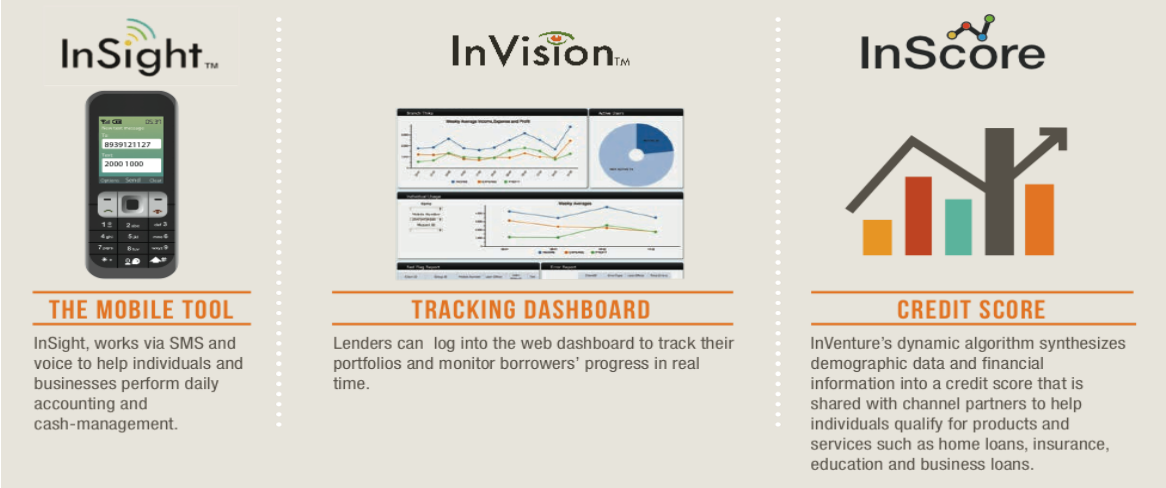
InVenture Product Summary

InVenture's product offering is best viewed as a suite of three different pieces working in concert: the mobile tool, database and related algorithm, and web dashboards. The mobile tool, InSight, works via SMS and voice to help individuals and businesses that are part of the informal economy perform daily accounting and cash management offline. The database categorizes and sends this data to the dynamic algorithm to synthesize a credit score that predicts each user's ability to successfully repay a loan.



InSight Credit Score

We have rated over 450,000 individual records with 98.6% accuracy

InVenture's proprietary credit scoring algorithm was developed by analyzing data trends over the past decade and identifying which factors are most likely to accurately predict an individual's ability to repay. Information gathered directly from the individual, through our mobile application, InSight, and key demographic indicators, are calculated into a person's score creating the world's first universal credit score.

What makes our InSight Credit Score special:

- Specific to an individual's district
- Scores those with and without credit history or a proven track record
- Can be used to qualify for a wide range of loans including business expansion, education, inventory, crop inputs, and housing
- Pull base score from demographic data and one piece of cash flow data; the score will continually improve as users enter real-time cash flow data
- Uses Logistic Regression models to judge which variables best predict defaults through machine learning algorithms
- Integrates behavioral patterns, diligence and consistency in reporting payment data
- Individual user profiles are created to understand each market and predict a user's financial metrics given their demographic and business information.
- Data is constantly monitored to ensure accuracy and outliers are identified and investigated regularly.
- Statistical models (e.g. Benford's Law, Bayseian Theory) are applied to monitor for fraudulent inputs.
- 87% of credit scores given to banks in India have been accepted
- 75% of clients deemed to be credit-worthy by independent auditors as a result of our data accuracy

InSight

InSight is a mobile enabled tool that allows individuals to perform basic accounting, demonstrate their creditworthiness and access financial services all through SMS or Voice. InSight provides another layer of data collection - allowing for real-time behavioral data and cash flow data to be collected through SMS and voice technology.

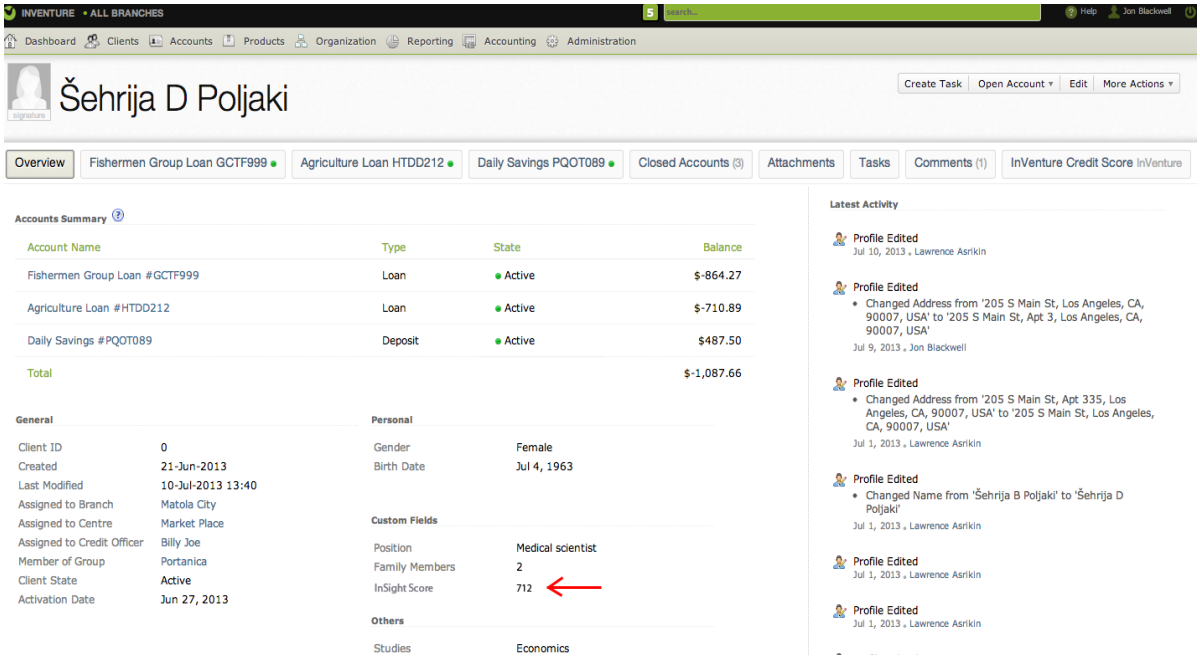
InSight Usage

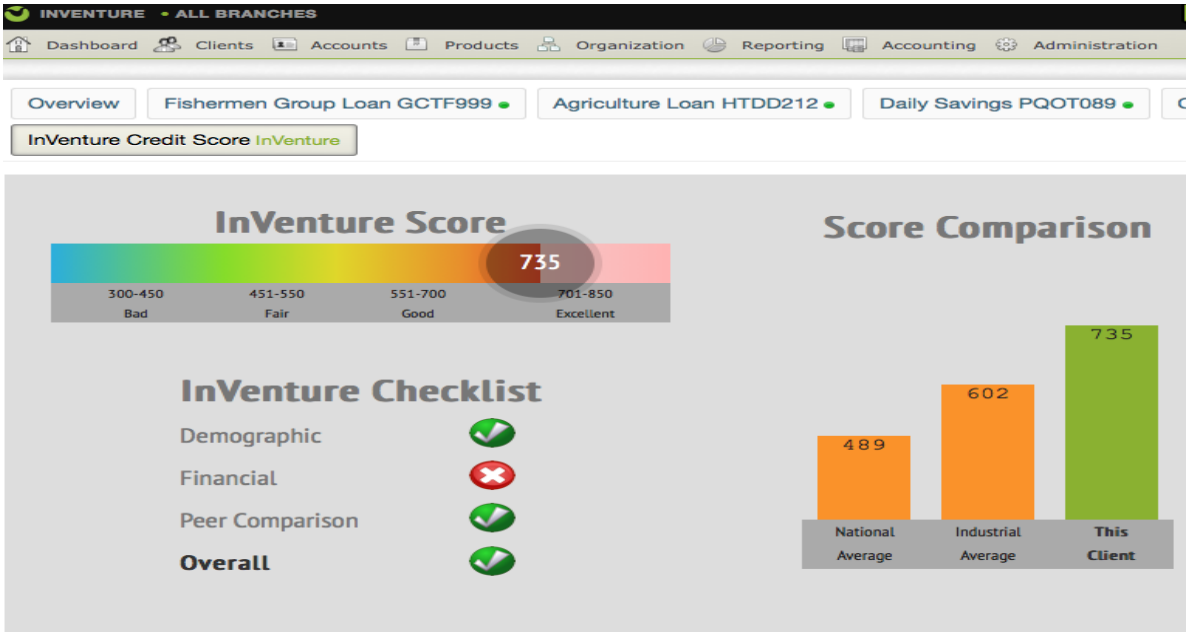
1. People used it, on average, 22 times
2. Similar usage between SMS and Voice
3. Average usage almost doubles when people who only use once are filtered
4. People are users for an average of 46 days
5. Most popular categories are food, revenue, transport and other

We have a substantial number of people in our database that are rural, farmers, and/or come from the group lending space. Our scoring methodology takes into account all aspects of the individual including, but not limited to, their profession and where they reside. We then assess the individual's risk level based on his or her peers. In the end, we have a high level of confidence in our risk assessment for the concerned groups given the amount of data we currently have on this segment of the population.

InVenture integration with Mambu

Displaying an InSight history and risk profile for Mambu for a credit application can provide an app endpoint that will display or link to your scoring functionality directly into the core MIS minimizing the number of systems field officers have to work with.




INVENTURE • ALL BRANCHES
Dashboard
Clients
Accounts
Products
Organization
Reporting
Accounting
Administration
Overview
Fishermen Group Loan GCTF999
Agriculture Loan HTDD212
Daily Savings PQOT089
InVenture Credit Score InVenture
InVenture Score
735
300-450
Bad
451-550
Fair
551-700
Good
701-850
Excellent
InVenture Checklist
Demographic
Financial
Peer Comparison
Overall
Score Comparison
735
602
489
National Average
Industrial Average
This Client