OpenText™ Big Data Analytics for Tax Authorities

Prevent fraud and deliver better services to taxpayers

Tax fraud is a global pandemic in governments that harms tax-paying citizens—with fraud cases damaging public accounts and compromising government performance and citizen welfare. In order for tax authorities to effectively combat fraud and tax evasion, they need full visibility of all activity related to taxpayers. They also need to detect internal inefficiencies that result in slowdowns and elevated costs.

Tax authorities need awareness of potential or actual inefficiencies so they can implement improvements and prevent slowdowns during peak periods. In order to see patterns and inconsistencies, data from multiple sources—including demographics, taxpayer profiles, previous filings, call center data, and audit histories—need to be seamlessly integrated and easy to analyze. In addition, tax administrations need to be able to understand how to optimize collections policies to maximize taxpayer dollars.

OpenText™ Big Data Analytics helps organizations achieve all of that, providing powerful predictive tools in a single, affordable end-to-end solution that is also fast and easy to use. It integrates, cleans, and analyzes multisource data quickly and easily so organizations can improve results while saving time and money.

OpenText™ Big Data Analytics features:

- Fast, seamless integration of large volumes of heterogeneous data for a 360-degree view of all factors affecting the organization.
- Self-service access so that analysts audit and cleanse, build validation rules, define indicators, decode, enrich models, and analyze on the fly with no dependence on IT.
- Advanced, easy-to-use tools that uncover behavior patterns and trends to prevent error, detect fraud and potential delinquency, focus audit resources, and improve service quality.
- Maximum security for both users and data including integrated LDAP, ACL for functions and data access, Data Protection Act, restricted access codes, expiration policy passwords, and log access.

With OpenText™ Big Data Analytics, organizations have access to the advanced analytics and predictive capabilities that are a must for achieving a complete view of all tax-related activities—and can help the organizations in detecting fraud sooner, as well as in understanding how to prevent it.
Profiling: Establishing tax evader profiles means they can be identified much sooner.

Forecasting: Predict tax collection revenues to detect anomalies or errors during a particular time period.

Decision Trees: Identifying behavior patterns and census data allows for the classification of those likely to commit fraud.