

Discover, search, and catalog your data



Data Redundancy

Automatically discover and identify redundant data

The Challenge

Technology is evolving faster than ever before, and data continue to grow and change at an exponential rate. Enterprise data, therefore, become increasingly fragmented, and finding the right information becomes increasingly difficult.

Over time, data management practices that solve these fragmentation and discovery challenges become absolutely essential - for enabling business analytics, ensuring regulatory compliance, and most importantly, continuing the successful operations of the enterprise.

Traditional, and often manual approaches to discovering and cataloging data are simply too slow to meet the aspirations of the modern enterprise.

To capture, manage and govern data, organizations must first discover and understand both the data, as well as the relationships among data across an inherently heterogeneous and complex enterprise landscape.

The Solution

Where most data management products leverage only metadata, Io-Tahoe's discovery goes well beyond traditional metadata - leveraging artificial intelligence (AI) to look at the data themselves. In this way, Io-Tahoe automatically discovers redundant data. However redundant data requires management, so once identified, organizations can decide on the appropriate remediation steps, which creates a path towards reducing total cost of ownership.

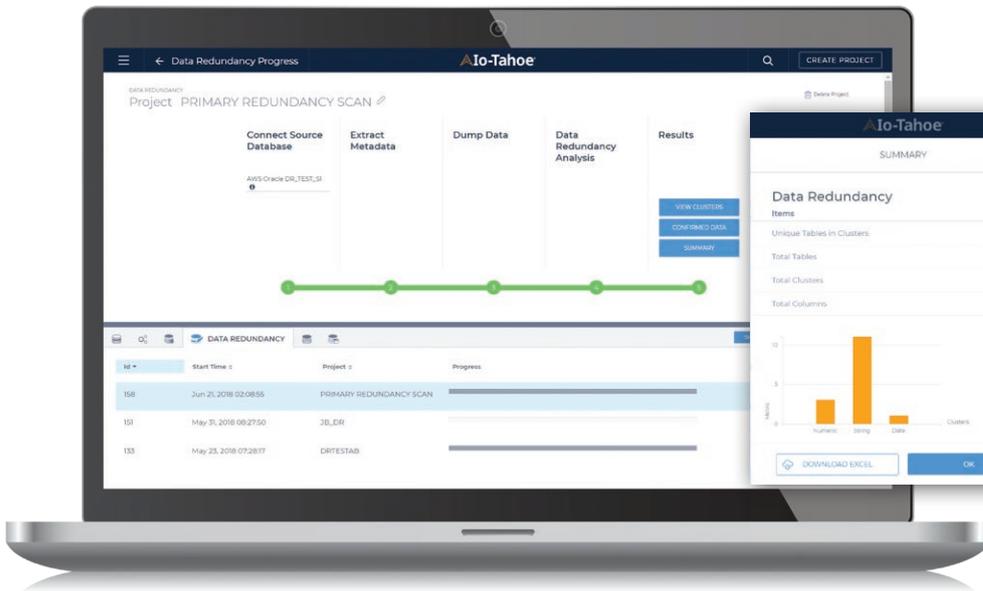
The combination of automation, AI and human expertise enables organizations to reach a single version of the truth, thereby improving the quality of data used for analytics and business intelligence. With increasing data privacy regulations, it also allows organizations to determine the location of all data, rather than just the location of the primary copies of data.

We provide a **Smart Data Discovery** and **AI-Driven Data Catalog** product that enables **data management**, **data governance**, and **regulatory compliance**.

“Redundant data is the cancer of the IT shop, as it can cause numerous problems if allowed to grow unchecked. Such information may consist of old backups, casually made copies, or duplicate (or nearly duplicate) information from multiple sources. Without a smart product like Io-Tahoe, cleaning up the redundant data mess can be prohibitively expensive and time-consuming.”

Jason Bloomberg,
President, Intellyx

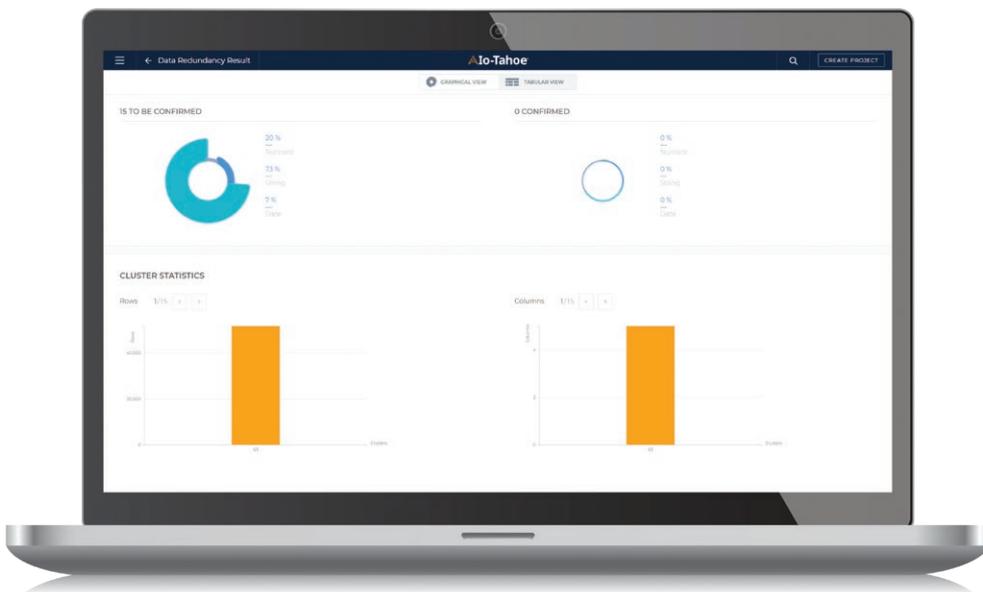
Discover redundant data



Io-Tahoe automatically identifies clusters of redundant data, both within and between tables.

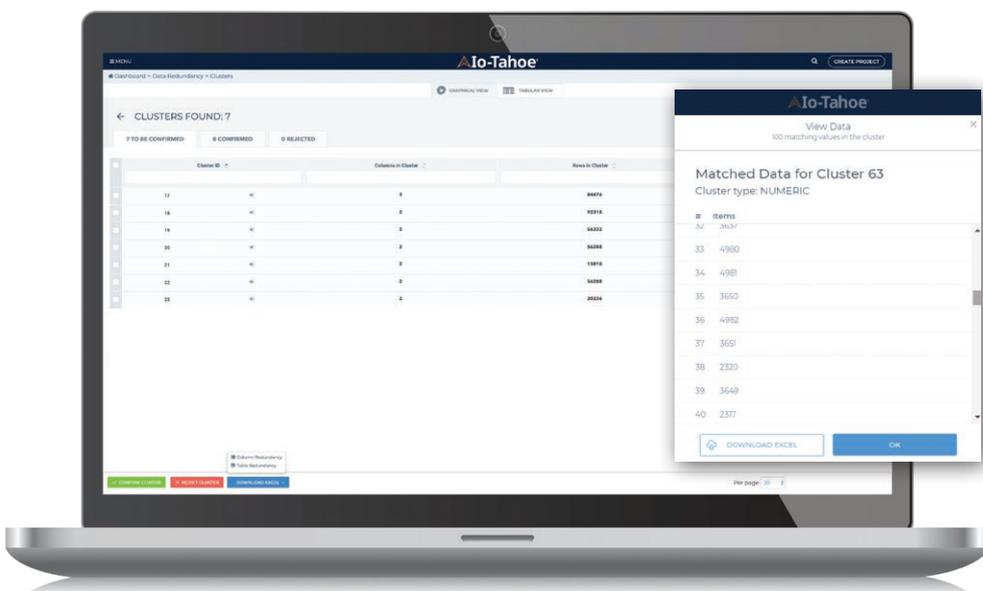
Instantly view a summary of Io-Tahoe's Data Redundancy analysis to see how many entities were examined and the distribution of data types within them.

Understand redundant data



Visualizations quickly provide a scorecard on how many clusters have been confirmed, and the number of rows and columns in each cluster.

Reduce Total Cost of Ownership



Review the redundant columns, then confirm, reject or remove columns as appropriate. Matching percentage scores provide a quick visual indication of the redundancy likelihood, letting you triage your investigations.

To confirm redundancy clusters, users need to see the data in context, and confirm its redundancy. One click shows the matched values and number of occurrences of each.