

Discover, understand and catalog your data



Data Flow

Automatically discover data flows between databases and data sources

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.

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 how data flows between databases and data sources, and ultimately how data moves through the enterprise. Based on intelligent, contextual analysis of the data, Io-Tahoe will find candidate table or column pairs between databases, present them, allow confirmation of the validity and the configuration of each pair's parent-child direction.

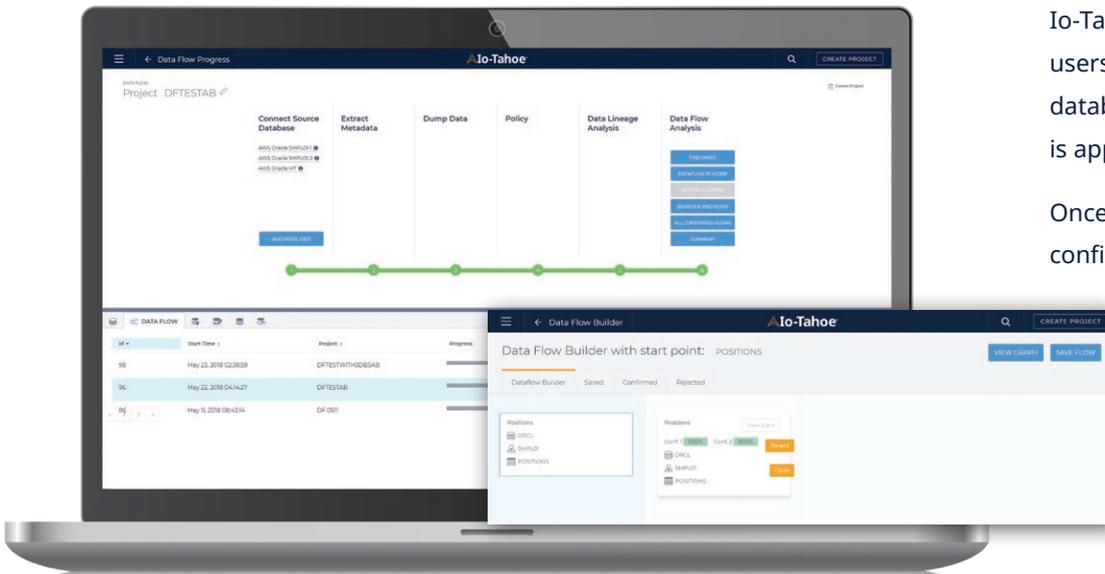
Data Flow goes beyond this core functionality, in multiple dimensions. For example, Data Flow incorporates sensitive data discovery on all discovered data; every database, table and column is inspected. All columns that match sensitive data policy are flagged and allow customer validation of the autonomous discoveries. Data Flow supports the Io-Tahoe Data Catalog, propagating tags out to corresponding columns in the discovered data flows.

We provide an AI-driven data discovery and catalog product, that enables organizations to automatically discover critical, implied and often unknown relationships across a heterogeneous and complex enterprise landscape. Our product enables **data management**, **data governance** and **regulatory compliance**.

“Through our innovative algorithmic approach and machine learning technology we are able to make data available to everyone in the organization. We help untangle the complicated maze of relationships, thereby helping organizations bring together their entire enterprise Data Management stack, including Data Science, Data Analytics, Data Governance, and everything in between.”

Rohit Mahajan,
CTPO, Io-Tahoe

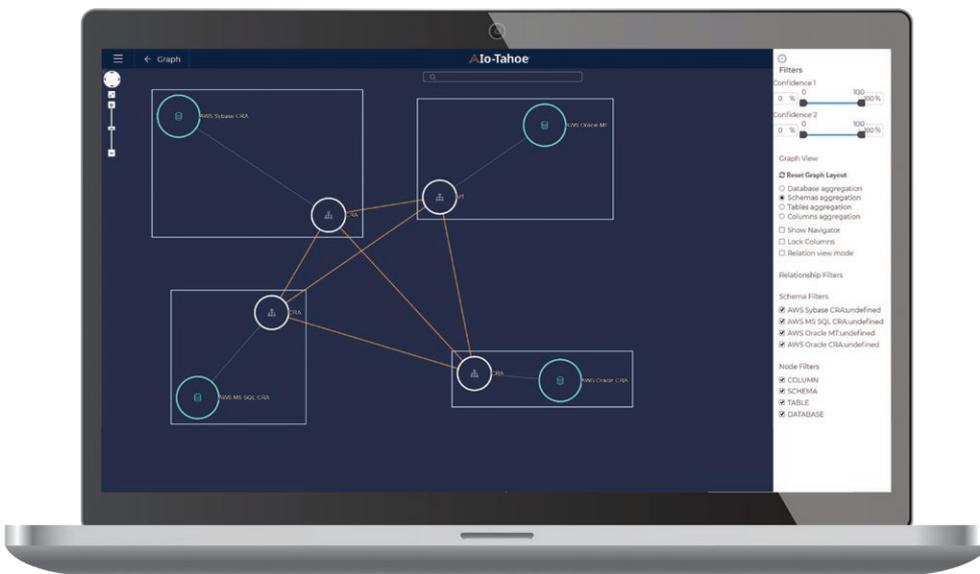
Discover data flows



Io-Tahoe's Data Flow allows users to specify multiple source databases. Sensitive data policy is applied along the way.

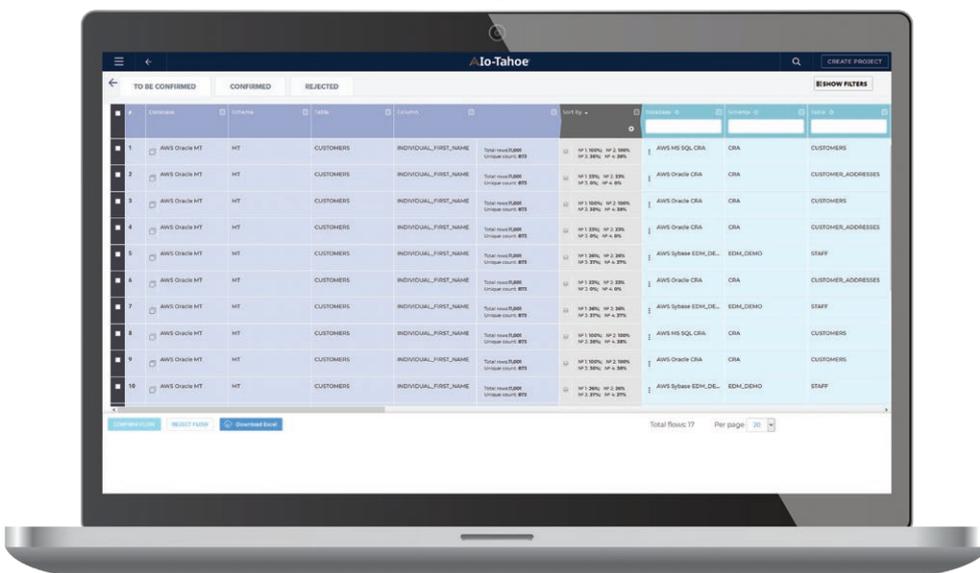
Once complete, users can view and confirm flows graphically or in a tabular view, see, the graphical Data Flow Builder (left). Matching columns can be identified as the parent or child node in the flow.

Understand data flows



As with Relationship Discovery, data flows can be viewed in Io-Tahoe's unique graph view, allowing for visual discovery of the flow and all participating entities (columns, tables, schemas and databases).

See how data flows through the enterprise



Io-Tahoe's tabular view allows data flows to be examined in detail, exposing multiple accuracy level metrics, and offering the option of contextual data viewing.