

Talend Data Inventory

Trust your data at first sight

“Without question, data trust is a must when it comes to making decisions that directly impact employee well-being and overall safety.”

Charles Link

Chief Data Officer, Covanta

Harness your data to fuel key business goals

With the exploding volume of data and data sources, it's harder than ever to take control and turn that data to your advantage. Data often comes in unidentified and of unknown quality, making it difficult to trust for confident, informed decisions. And as the data grows in size and scope, diagnosing and fixing issues with data health and quality become exponentially more challenging.

Talend Data Inventory unlocks data silos by creating a single point of governance and access across all datasets. It makes data quality and curation more automated and less taxing, so you can spend less time fixing data and more time using it. With advanced search technologies, any data consumer at your organization can quickly and effortlessly find and access the data they're looking for. And because Data Inventory is part of Talend Data Fabric, it connects seamlessly with Talend Pipeline Designer and Talend Data Preparation to make your data actionable.



Run your business on trusted data

The Talend Trust Score™, included with Talend Data Inventory, is an industry-first innovation that gives you a complete picture of the health of data across your company. It combines dimensions of data quality, data popularity, and user-defined ratings, and provides clear intelligence on where your data came from and how it's been used. With Talend Data Inventory, you can easily view any dataset's Trust Score at a glance. And a dataset identified as incomplete, corrupt, or untrustworthy can be easily diagnosed and fixed with a few clicks, so you can have complete confidence in all your datasets and in every decision you make.

Product features

Talend Trust Score automatically assesses data health based on data quality, user-defined ratings, and popularity

Cross-reference between datasets, data preparations, and pipelines for impact analysis

Custom attributes and tags to enrich and augment datasets with custom metadata and improve searchability

Dataset overview with automated capture and crowdsourcing of documentation and data quality, and explainable Trust Score (visualization of attributes contributing to score)

Faceted search, data sampling, semantic discovery, and auto-profiling

Integration with Talend Data Preparation and Talend Pipeline Designer for a seamless experience from raw to cleansed data

Social curation with data sharing, tagging, ratings, and certification

Easily create an OData-compliant API for a dataset through Data Inventory

Talend Data Inventory transforms data into actionable, valuable insights

Turn data silos into a single point of trust

Talend Data Inventory helps users improve time-to-value with easy dataset documentation, quality proofing, and promotion. Pinpoint and reduce data silos across your business so you can reuse and share data assets and ensure that the entire organization is operating based on the same 'truth.'

Enable collaboration among all users

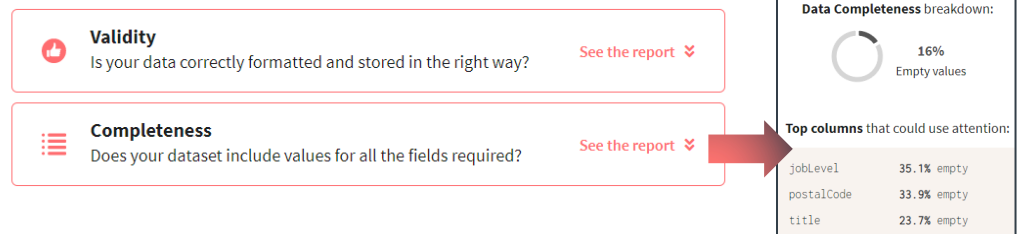
From data practitioners to data consumers, anyone with the appropriate permission can tag and rate a dataset in Data Inventory. The application crowdsources ratings, definitions, and endorsements from data professionals, and monitors the popularity and shareability of the data to ensure that you are making decisions based on the best data.

Quickly get to the heart of your data

Discover the right data faster with powerful search capabilities. Quickly ensure data quality and gain deeper insights into the underlying data with the detailed Dataset Overview and the Explainable Trust Score (visual explanation of how the Trust Score for a dataset is derived) so your data users can focus on what matters most: extracting value from the data.

Make trust tangible with the Talend Trust Score

Ensuring trusted data is the underpinning of your business should be one of your top priorities. Accomplishing this requires clear business objectives and data that is accessible, easy to digest, and of the highest quality.



Talend Trust Score makes this possible by providing data that is:

- **Thorough:** Data should be complete and clean across your systems. For example, a review of inventory data should be aligned with both warehouse and point of sale (POS) data.
- **Transparent:** Data should be accessible and understandable. For example, marketers who look to measure campaign performance but are unable to evaluate click rate metrics have encountered data lacking transparency.
- **Timely:** Data should be readily available when making decisions. Timely decision making is imperative for situations such as determining when to open schools during COVID-19. This is an example of making a critical decision based on the most relevant, recent facts.
- **Traceable:** You should know the story behind your data and how it has been used. If a financial services organization needs to submit a report to a regulatory body, it requires full visibility as to where the data came from, who has seen it, and how it has been transformed. Only traceability allows for such a 360-degree view.
- **Tested:** Trusted data that is rated and certified by other users is deemed tested. Any organization looking to be data driven must understand how its people evaluate the data, requiring collaboration among business teams.