

# IBM Watson Knowledge Catalog

Activate business-ready data for AI and analytics with intelligent cataloging, backed by active metadata and policy management

## Highlights

- Use open and intelligent data cataloging to manage enterprise data and AI model governance, quality and collaboration.
- Govern data lakes, self-service consumption of high-quality data, and regulatory compliance efforts.
- Deploy on an open and secure container platform architecture including IBM Cloud and Red Hat OpenShift.
- Operationalize data and accelerate data prep with automated tools.
- Make self-service insights available enterprise-wide by leveraging advanced discovery, automated cataloging and governance.

Businesses need to maximize the value of their data to drive monetization and increase what [McKinsey & Company](#) refers to as “the insights to value chain.” In many cases this includes the leveraging of artificial intelligence (AI) that can fuel predictive insights and proactive outcomes. However, the growing volume of data spread across multiple deployments as well as internal obstacles of traditional manual processes and data stewardship roles remain a challenge. Leaders are discovering their current data processes don’t efficiently scale to tackle today’s needs, nor ones they will face in the future, and yet it’s essential to find a solution. Delivering business-ready data to feed analytics and AI projects begins with a data catalog that can automate organization, provide consistent definitions, and enable self-service management of enterprise data.

[IBM Watson® Knowledge Catalog](#) is an open and intelligent data catalog for managing enterprise data and AI model governance, quality and collaboration. By providing an end-to-end experience rooted in metadata and active policy management, the solution can be leveraged to find success across top use cases such as governing data lakes, self-service consumption of high-quality data, and regulatory compliance for the California Consumer Privacy Act (CCPA) and the General Data Protection Regulation (GDPR).

Advanced artificial intelligence, machine learning and deep learning features allow organizations to be agile with their data and use it at the speed of business. Watson Knowledge Catalog was recognized as a [2020 Gartner Customers’ Choice for Metadata Management Solutions](#), underscoring the streamlined user experience and usability that allows for this solution to serve as a single source of truth for data engineers, data stewards, data scientists and business analysts to gain self-service access to data they can trust.

IBM is committed to help clients support a smarter business with IBM Watson Knowledge Catalog services for [IBM Cloud Pak® for Data](#) and on [IBM Cloud™](#). Both deployment options are built with open and secure standards supported by the Red Hat® OpenShift® container platform.

# Benefits

**Operationalize a trusted enterprise data pipeline** with automated data discovery, governance, quality and metadata generation.

**Accelerate readiness for data privacy and industry regulations** with a machine-learning-produced glossary from key terms, definitions, policies, and controls most relevant to your enterprise context.

**Customize the product to support your unique needs.** Expedite data use with machine-learning-enabled data transformation, data virtualization support, and enhanced search and interface.

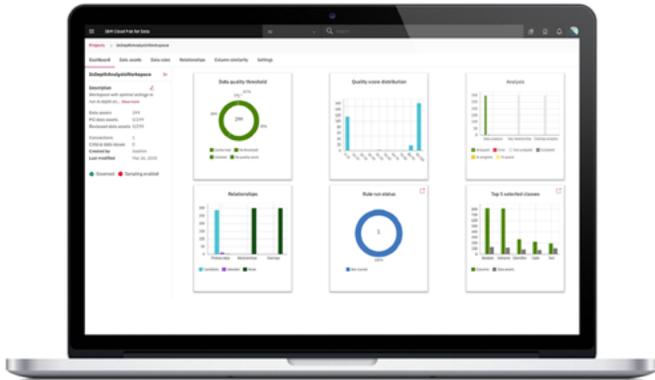


Figure 1: Users can save time by having preferences saved to their own account, so important details are preserved no matter where they access the product.

**Ready to see how it impacts your bottom line?** [Forrester's Total Economic Impact of IBM Cloud Pak for Data](#) provides a deep dive into how Cloud Pak for Data and Watson Knowledge Catalog services are contributing ROI of up to 158 percent for your peers in the market.

## Product highlights

### End-to-end catalog

Organize, define and manage enterprise data to provide the right context to drive value across imperatives such as regulatory compliance and data monetization. Reduce infrastructure needed to support a governed approach to data and delivery of trusted data across the enterprise.

### Advanced discovery

Intelligent recommendations from IBM Watson and peers help find relevant assets quickly and at scale. A global search bar is also available at every level of navigation and with any type of content.

### Automated governance

Active policy management and dynamic masking of sensitive data help protect data to ensure compliance and audit-readiness, but most importantly, maintain client trust. Speed up metadata classification for regulations and reduce risk stemming from enterprise data.

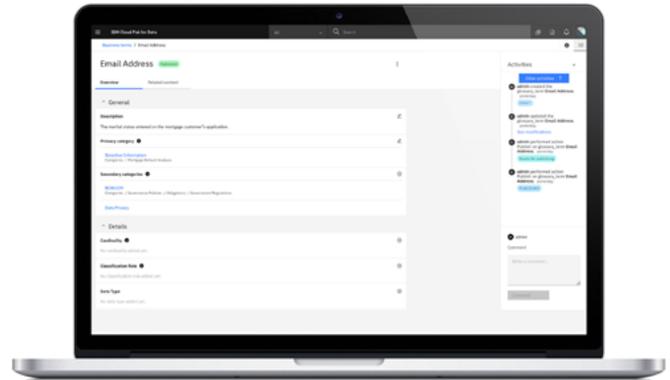


Figure 2: Users can view the full workflow activity history on any governance artifact including adds, updates, and approvals.

### Operationalized quality

Track lineage and quality scores across structured data, unstructured data, AI models and notebooks. Maintain consistent views of key entities, including customers, vendors, locations and products to improve query management and reporting quality.

### Self-service insights

Consume and transform data at the speed of business with intuitive dashboards and flows that can be shared with peers or analytics tools. Make enterprise-wide data more accessible and simpler to manage.

Take a [free guided demo](#) to continue exploring the robust Watson Knowledge Catalog features.

# Why IBM

As organizations accelerate their digital transformations to better predict and shape future outcomes, empower higher value work and automate experiences, the need to embrace AI is growing ever more critical. But to implement AI successfully, companies need to overcome three major challenges: data complexity, skills and trust. This process starts with good, clean and secure data. IBM is committed to helping clients drive digital transformation by leading with IBM Cloud Pak for Data, an open, Kubernetes-based, data and AI platform that integrates with an array of technology solutions that enhance organizations' ability to make their data ready for AI. Among those core to the platform are DataOps capabilities, like Watson Knowledge Catalog, that help operationalize data protection, data quality and findability, and governing rules in order to provide a self-service data pipeline to the right people at the right time from any source.

## For more information

To learn more about IBM Watson Knowledge Catalog, visit: [ibm.com/cloud/watson-knowledge-catalog](https://ibm.com/cloud/watson-knowledge-catalog)

To find out which deployment option is right for you, visit: [ibm.com/cloud/watson-knowledge-catalog/pricing](https://ibm.com/cloud/watson-knowledge-catalog/pricing)

Learn more about IBM DataOps at [ibm.com/dataops](https://ibm.com/dataops). Follow us on Twitter at @IBMData, on our blog at [ibmbigdatahub.com](https://ibmbigdatahub.com) and join the conversation #DataOps.



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