

Premium extensions for IBM Cloud Pak for Data

Modernize your data estate for an AI and multicloud world

Accelerate your journey to AI to transform how your business operates with an open, extensible data and AI platform that runs on any cloud.

IBM® Cloud Pak™ for Data is a fully-integrated data and AI platform that modernizes how businesses collect, organize and analyze data and infuse AI throughout their organizations.





Accelerate innovation with IBM Cloud Pak for Data that runs on any cloud and is based on open-source technologies. It fully supports multicloud environments such as Amazon Web Services (AWS), Azure, Google Cloud, IBM Cloud™ and private clouds.

Built on Red Hat® OpenShift® Container Platform, IBM Cloud Pak for Data integrates IBM Watson® AI technology with IBM Hybrid Data Management Platform, DataOps, and governance and business analytics technologies. Together, these capabilities can help you unlock the value of your data and create an information architecture for AI.

The open platform can help improve data operations (DataOps) from collecting the data to organizing and analyzing that data. The benefits include the ability to feed data-driven models and infuse them into business processes and applications independent of where the data resides. Accelerate the process of applying data to analytics—resulting in business insights faster.

IBM Cloud Pak for Data brings together all the critical cloud, data and AI Ladder within one unified multicloud platform.

Maximize your investment in IBM Cloud Pak for Data with premium extensions to:

-  Improve the design and performance of your data integration jobs.
-  Deliver advanced data management and analytics capabilities to your data citizens.
-  Speed time to value and simplify decisions by combining prediction and optimization.
-  Bring analytics closer to big data for safer and faster insight.

IBM Db2™ for Cloud Pak for Data

Making data simple and accessible

The premium extension features allow you to uncover trends and patterns, resulting in richer predictive and proactive data-driven decisions powered by artificial intelligence (AI) capabilities. This add-on can help you leverage your data regardless of where it resides or how it is structured. You can:

- Accelerate AI application development by using common programming languages, natural language and powerful graphing functions to quickly gain insights to accelerate AI initiatives.
- Achieve predictive and proactive insights by running queries leveraging AI that improve through experience, making outcomes simpler, more reliable and more stable.
- Optimize resource utilization by increasing automation with an AI-infused database to reduce tasks, such as index creation, health checks and basic tuning.
- Provide portability by allowing developers to write apps once and run them anywhere with IBM Common SQL Engine that supports data regardless of source location or format.



IBM InfoSphere DataStage for Cloud Pak for Data

Best-in-class for multicloud integration

The IBM InfoSphere® DataStage® extension offers a comprehensive multicloud integration solution, which operationalizes self-service and IT-driven data integration so you can:

- Run integration components on stand-alone runtimes to place the integration logic and execution in close proximity to the location of your data sources or push the logic directly into the data source.
- Automate running of data transformation using ML with the ability to group, rank and schedule jobs.
- Collaborate and control changes to enterprise integration by using Git to publish jobs and related artifacts to multiple Git branches and load other versions of a job from Git onto the Flow Designer canvas.
- Scale to meet the needs for your data volumes and data complexity by using the high-performance multiparallel run time.
- Leverage data quality and governance capabilities, which include data discovery, profiling, classification, validation and curation, so quality is performed at the time the data is ingested.

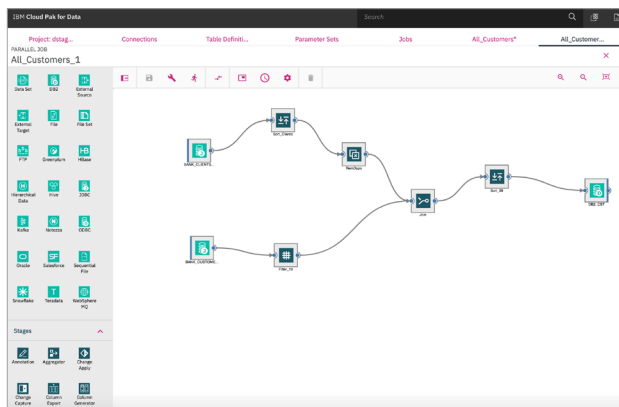


Figure 1: Graphically build integration using an extended palette of connectors and stages.

IBM InfoSphere® Information Server for Cloud Pak for Data

Cutting edge capabilities for your DataOps, governance, integration or quality initiatives

The IBM Information Server extension provides IT and line-of-business (LOB) users with a comprehensive suite of capabilities for all of your data governance, data quality and data integration initiatives. The IBM Information server extension provides seamless integration and a common user experience for:

- Automated data discovery.
- Policy-driven governance.
- Self-service data preparation.
- Data quality assessment and cleansing for data in flight and at rest.
- Advanced dynamic or batch-oriented data transformation and movement.

IBM Cognos Analytics for Cloud Pak for Data

All the answers you need in one place.

IBM Cognos® Analytics is an AI-fueled business intelligence platform that supports the entire analytics cycle, from discovery to operationalization. Visualize, analyze and share actionable insights about your data with anyone in your organization. This extension provides:

- Guided exploration infused with augmented intelligence and ML to uncover hidden patterns and insights from your data.
- Interactive dashboards, storytelling and pixel-perfect reporting to collaborate and share across organizations of just about any size.
- Predictive capabilities to identify relationships and relative strength of the factors driving an outcome.
- Uncover and explain everything being revealed in your visualizations with the AI Watson Assistant as it uses conversational language to help you.

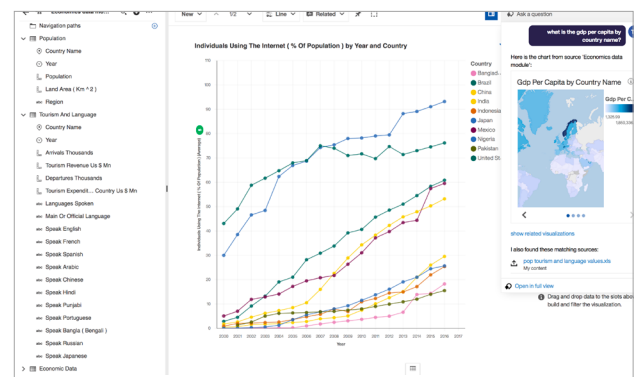


Figure 2: The IBM Watson Explorer experience is designed for the free flow of ideas and discovery as you look for answers to business questions.

IBM Watson® Studio for Cloud Pak for Data Harness the power of AI at scale

The premium features of IBM Watson Studio are designed to accelerate time to value from your AI and data science projects. The Watson Studio Premium Extension enables you to:

- Improve your insight by bringing AI and ML models to Hadoop and big data ecosystems.
- Predict and optimize business outcomes using natural language interface.
- Explore data and use ML with drag-and-drop tooling from IBM SPSS® Modeler.

You can mix and match industry-leading capabilities, such as Apache Hadoop Execution Engine, IBM SPSS Modeler and IBM Decision Optimization, all available in IBM Watson Studio Premium extension.

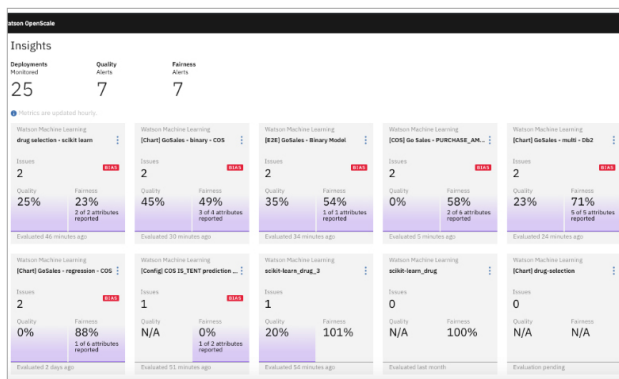


Figure 3: Modeling assistant from IBM Decision Optimization helps you quickly create models that optimize decisions, such as resource assignments, scheduling or supply and demand planning.

For more information

To learn more about how to accelerate your journey to becoming a data-driven organization, visit ibm.com/analytics/cloud-pak-for-data.

