

Benefits of a data and AI platform for data management

As organizations progress on their journey to AI, better data collection is vital. Their best course is to invest in data management built for and powered by AI, all running on an integrated, cloud-native platform.

88% of data-driven companies agree

that AI and machine learning are key components of data platforms and analytics initiatives.¹



1. A platform with broad capabilities

Simplifies deployment and helps integrate new solutions while delivering capabilities such as data management, governance, analytics and data science.

65%-85%

lower infrastructure management effort is possible with the right data and AI platform³

\$3.4M

in potential benefits from maximizing data science, machine learning and AI²

2. Data virtualization

Native data virtualization on a data and AI platform helps users access all data without moving it, reducing silos, avoiding ETL and increasing savings.

25%-65%

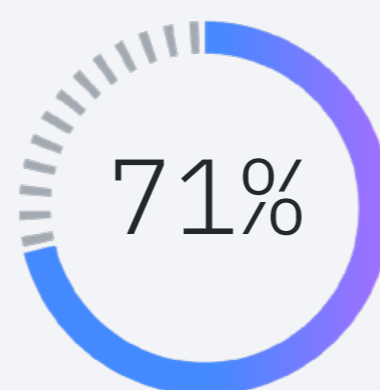
reduction in ETL requests³

\$2.4M

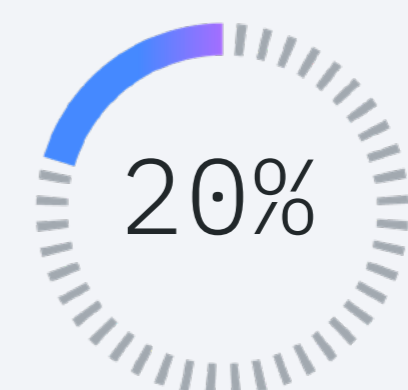
potential savings over three years³

3. A single interface with built in governance

Lack of data governance, quality, and lineage remains a significant problem. Native governance with one access point on a data and AI platform simplifies oversight.



report at least 3 separate data quality issues⁴



publish data provenance and lineage⁴

4. Containerization with Red Hat® OpenShift®

Container technology allows new capabilities to be introduced with ease. Containers include all necessary software and related dependencies, facilitating faster deployment.

343%

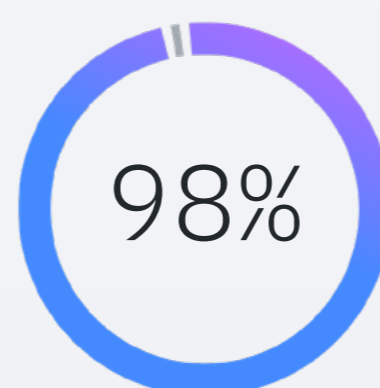
potential ROI with OpenShift⁵

\$2.2M

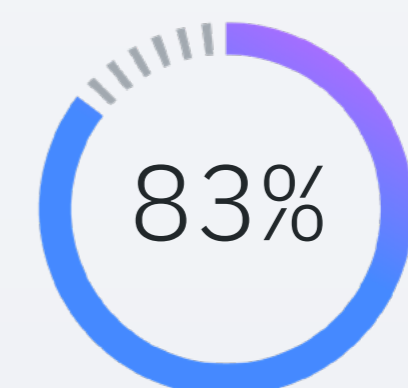
estimated increase from developer productivity shown with OpenShift⁵

5. Deploy on any cloud

Data and AI platforms facilitating multi-cloud environments help avoid vendor lock-in and allow data and workloads to exist wherever they are most effective.



of organizations expect to use multicloud by 2021⁶



think "workloads will move freely across clouds."³

Data management on IBM Cloud Pak for Data

IBM Cloud Pak® for Data enables data across an entire organization to be managed and governed on any cloud that runs OpenShift, with containerized services to simplify integration and accelerate AI adoption. Learn more about the specific benefits of data management with a data and AI platform by reading the Db2 for IBM Cloud Pak for Data white paper.

IBM Cloud Pak for Data can provide an estimated

\$6.8–\$12.4M

return over 3 years.¹⁰

