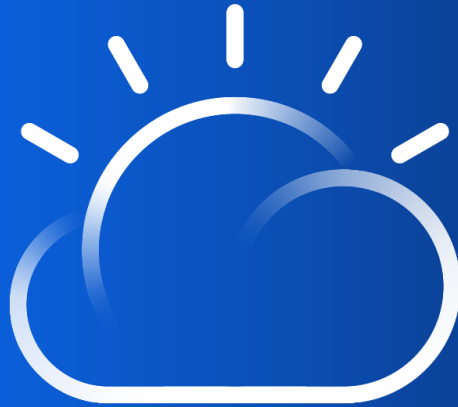


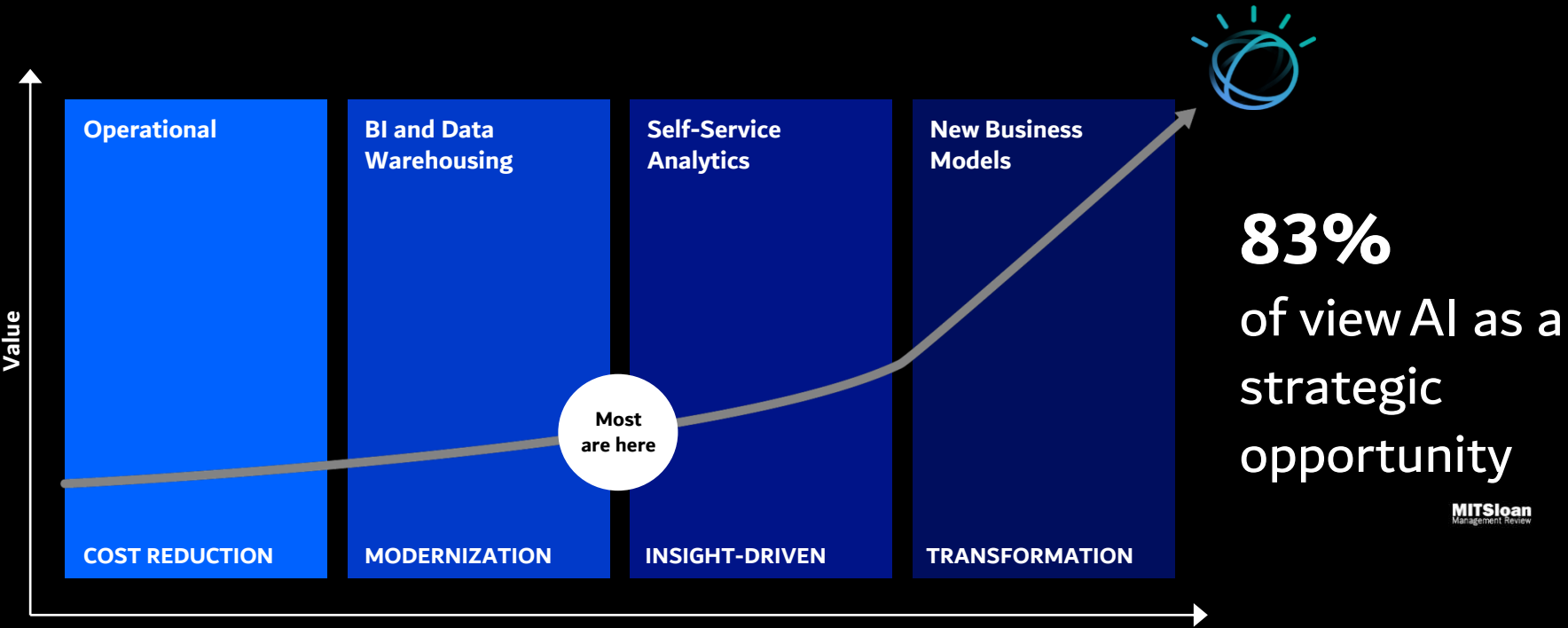
The Ladder to AI



Rob Thomas
General Manager, IBM Analytics
[@robthomas](#)



Clients Are Advancing Their Use of Data for Business Value



There is no AI without an IA

(Information Architecture)

80%

of data is either
inaccessible,
untrusted or
unanalyzed

81%

do not
understand the
data required for
AI

“

No amount of AI algorithmic sophistication will overcome a lack of data [architecture] ... bad data is simply paralyzing

MIT Sloan
Management Review

The AI Ladder

A Prescriptive Approach to Accelerating the Journey to AI

INFUSE – Automate and scale across your processes

TRUST – Achieve trust and transparency in outcomes

ANALYZE – Scale insights with ML everywhere

ORGANIZE – Create a trusted analytics foundation

COLLECT – Make data simple and accessible

Data of every type, regardless
of where it lives



MODERNIZE your data estate
for an AI and multi-cloud world

Client Benefits

The AI Ladder

- 1) Deploys an information architecture for AI
- 2) Modernizes your data estate for a multi-cloud world
- 3) Makes your data ready for AI
- 4) Infuses AI everywhere, with confidence
- 5) Puts open source to work



Modernize Data Workloads



Operationalize AI & DS



Speed Analytics Monetization

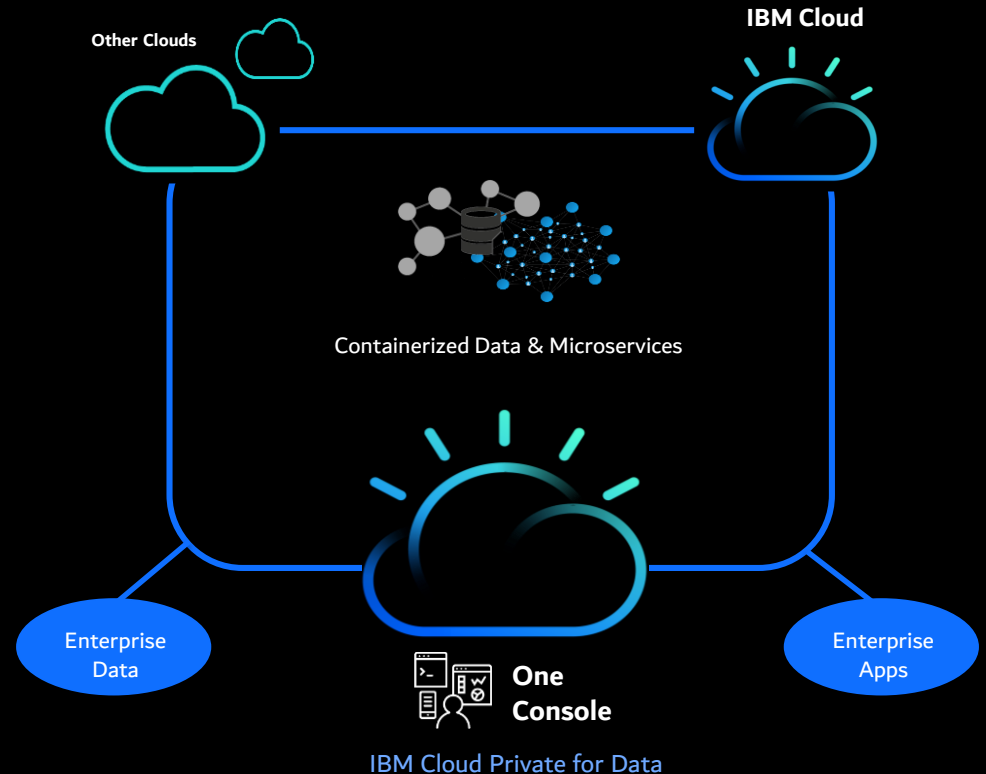


Simplify Data Compliance

Improve Confidence in Data-driven Outcomes

Modernize Data for a Multicloud World

- One integrated console for collecting, organizing and analyzing data
- Virtualize all your data of every type, regardless of where it lives
- Build once, run anywhere across dynamically changing environments



Deploy an Information Architecture for AI



Custom Extensions



App Developers



Data Engineers



Data Stewards



Data Scientists



Business Users & Analysts

Data & AI Microservices

Collect Data

Organize Data

Analyze Data

Trust AI

Infuse AI



Enterprise Cloud Microservices



Containerized Workloads



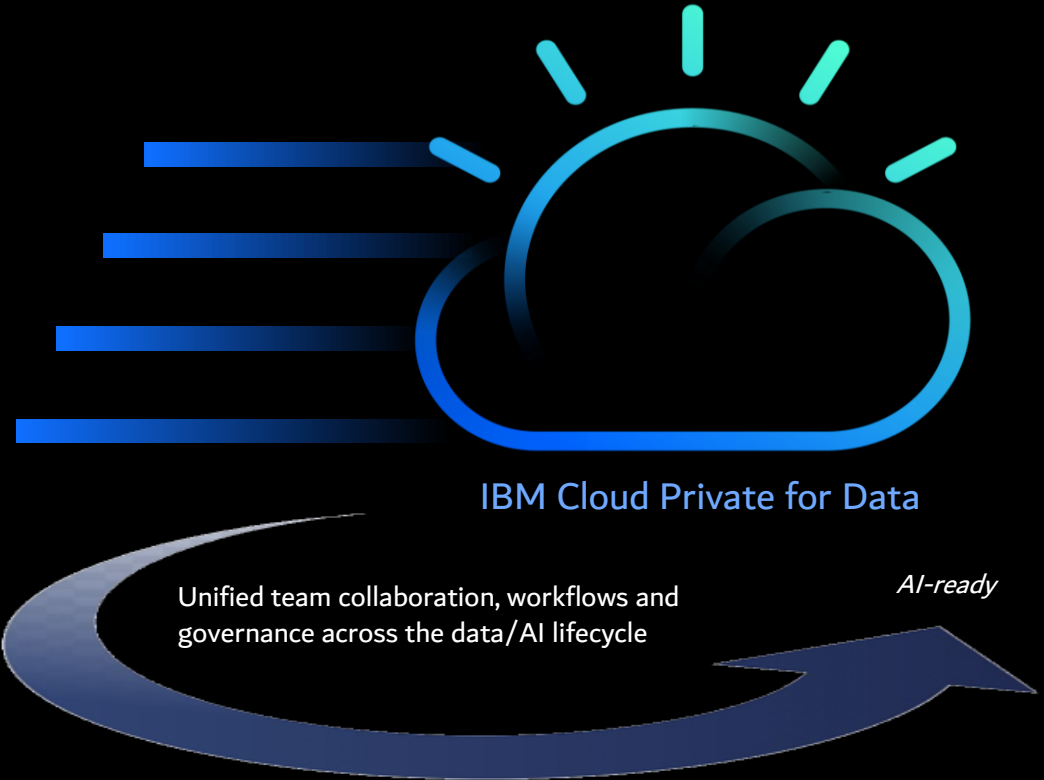
Multicloud Provisioning



IBM Cloud Private for Data

Make your data ready for AI

- Define, catalog & prepare business ready data for AI use cases
- Dynamically unify AI models with the data they rely on
- Synchronize workflows across diverse teams of contributors



Infuse AI everywhere, With Confidence



AI OpenScale
Operational Fabric for AI

Watson Applications & Industry Solutions

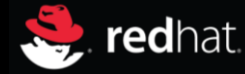


Open Source Technologies



Cloud Private for Data
Multicloud Data Fabric for AI

IBM and Red Hat together drive significant benefits to clients



Benefits to IBM

Acceleration of hybrid cloud adoption

Extensive developer ecosystem

Cross-sell and
new revenue opportunities

Benefits to Red Hat

Leverage industry expertise and scale

Accelerate expansion of open source portfolio

Expand reach of open technologies
across enterprise clients

Benefits to Clients

Enterprise-grade
open hybrid cloud

A path to migrate
traditional workloads
to the cloud

Consistent
management across
multiple clouds

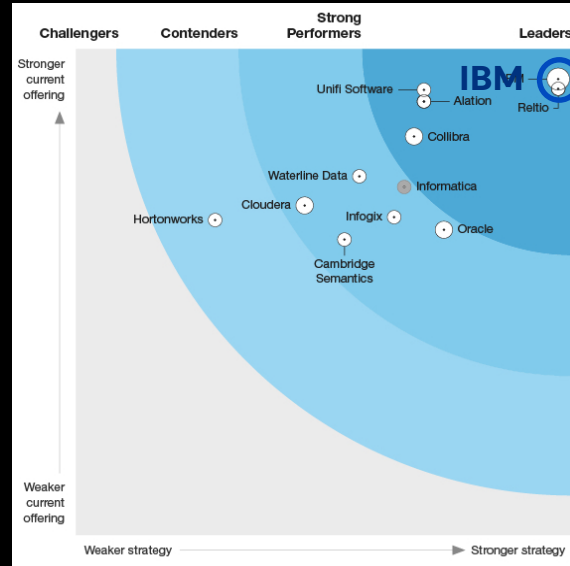
A cloud that is secure
to the core

IBM industry leadership

The Forrester Wave Predictive Analytics & Machine Learning



The Forrester Wave Machine Learning Data Catalogs



The Forrester Wave Conversational Computing Platforms



IBM #1 in AI Market Share



Industry Design Awards



A' DESIGN AWARD

IBM