

kyndryl™

# Mainframe Data Democratization Assessment

September 2022



# Mainframes are here to stay

Mainframe data is an important part of your digital strategy



**72%** of enterprises with more than 50K MIPS (million instructions per second) have **more than half of their data** on the mainframe<sup>1</sup>

**70%** of the **Fortune 500 companies** rely on mainframes for core operations<sup>2</sup>

**~70%** of the **world's production IT workloads** are handled by mainframes<sup>2</sup>



**92%** of executives and technical professionals see the mainframe as a **platform for long-term growth** and new workloads<sup>1</sup>

**71%** of executives say **mainframe-based applications** are central to their business strategy<sup>2</sup>

**82%** of executives agree **their business case supports mainframe-based applications**<sup>2</sup>

# Go from data silos to data insights

Kyndryl offers tools and techniques to help you **do more with your mainframe data**

## Challenges

The management of end-to-end data processing & AI workflows on hybrid or multiplatform architectures can be time-consuming and fraught with technology and process challenges:

- Last-mile delivery in the data supply chain varies by use case and requires proper governance throughout to ensure the quality of analytics & AI outputs.
- Unorganized data swamps, silos & tool sprawl can seriously impair decision automation and support.

## Data Consolidation

- **Integrates data siloed across all enterprise systems regardless of data format, location, or latency**

## Data Transformation

- **Provides a virtual approach to accessing, managing & delivering data without replicating it in a physical repository**

## Data Governance

- **Provides a centralized and secure layer to catalog, search, discover & govern unified data and its relationships**



# How Kyndryl can help

At Kyndryl, we're committed to helping you maximize the value of your technology investments – no matter where you are in your digital journey.

## Kyndryl's unique value:

- As an Azure Expert Managed Service Provider (MSP) with 16,000+ Microsoft certifications, we have the experience to integrate enterprise services with Microsoft Cloud.
- With more than 8,300 mainframe experts worldwide, we have the experience to help you harness your mainframe data to deliver business intelligence and insights at scale.



# Why democratize mainframe data?



Harness your mainframe data to drive business insights that improve decision-making and move your business forward.



Make mainframe data more accessible across your organization with cloud-based application integrations like machine learning, AI & more.



Leverage modern analytics and visualization tools to deliver business intelligence at scale.



Combine mainframe data with other internal and external data sources to create new applications that deliver value to your business.



Integrate mainframe data into low-code and no-code applications like Microsoft Power Platform to enable a data-driven business environment.



Move enterprise data closer to your business units to explore new opportunities to create immediate usable value.

# Mainframe Data Democratization Assessment workshop

Transform your mainframe data into business insights

Join Kyndryl for a 2-day workshop with our business and technology experts to co-create a strategy & roadmap to **make your mainframe data more accessible** across your organization.

**Would you like to integrate mainframe data into modern analytics and visualization applications like Microsoft Power BI and Power Automate? We can help!**

## What opportunities could you create by unlocking mainframe data silos?

In this face-to-face workshop, you will:

01

Identify your business priorities

02

Create a technology framework to unlock your mainframe data

03

Prioritize projects that drive value for your business

04

View a demonstration of mainframe data visualization and insights capabilities

**Kyndryl offers end-to-end services to help you democratize mainframe data and make it accessible across your organization.**



Plan and design proof-of-concept projects



Execute proof-of-concepts to showcase the potential business value of unlocking enterprise data



Advisory and managed services to roadmap and scale-out proof-of-concepts into broader implementations

# Workshop structure and format

Come prepared to conceptualize the possibilities for your organization!

## Mainframe Data Democratization Assessment

Activity	Description	Stakeholders	Deliverables	Duration	Meeting Mode
Pre-workshop data gathering (~4 weeks before the workshop)	<ul style="list-style-type: none"> <li>Complete pre-workshop data gathering questionnaire</li> </ul>	CDO, CIO, LOB leaders, technology / IT managers	<ul style="list-style-type: none"> <li>Finalize pre-workshop data gathering questionnaire</li> </ul>	2 hours	Virtual
Finalize workshop logistics (~2 weeks before the workshop)	<ul style="list-style-type: none"> <li>Finalize workshop agenda</li> <li>Agree on workshop logistics – date, location &amp; stakeholders to attend</li> </ul>	CDO, CIO, LOB leaders, technology / IT managers	<ul style="list-style-type: none"> <li>Finalize agenda &amp; workshop logistics</li> <li>Send meeting invites &amp; book conference room</li> </ul>	1 hours	Virtual
<b>Mainframe Data Democratization Assessment workshop</b> (2-day in-person workshop)	<ul style="list-style-type: none"> <li>Ideation &amp; brainstorming – define the art of the possible</li> </ul>	Executive sponsors, CDO, CTO, CIO, LOB leaders, technology / IT managers, cloud / IT architects	<ul style="list-style-type: none"> <li>Identify business problems and priority solutions</li> <li>Identify data enrichment needs, including requirements for data intelligence, insights and visualization</li> <li>Understand technology landscape for priority solutions</li> </ul>	2 days	Face-to-face
Post workshop proposal & review (~2 weeks post workshop)	<ul style="list-style-type: none"> <li>Review assessment workshop summary reports</li> <li>Agree on next steps</li> </ul>	Executive sponsors, CDO, CTO, CIO, LOB leaders, technology / IT managers, cloud / IT architects	<ul style="list-style-type: none"> <li>Review workshop assessment summary</li> <li>Opportunity proposal(s) for detail discovery / high-level solution and schedule for a proof-of-concept</li> <li>Agree on next steps</li> </ul>	2 hours	Virtual

**Benefits:** You will receive an expert analysis of your business priorities, a high-level plan, and a proof-of-concept proposal designed to deliver immediate usable value.

Have we piqued your curiosity?

Contact us for a 1-hour consultation to learn more about the Mainframe Data Democratization Assessment workshop and how Kyndryl can help your organization harness mainframe data to drive business insights!



# Who we are

Kyndryl enables business insight at scale with end-to-end services to consult, modernize, migrate, secure and manage critical business applications and their data.

**30+ years of designing, building and managing IT operating environments**

### Our people:

**90,000**

Skilled professionals

**247,000**

Skills badges earned, including:

61,000 in cloud  
43,000 in agile  
43,000 in analytics  
42,000 in AI  
38,000 in design thinking


**31,000**


Vendor-recognized certifications in Microsoft Azure, VMware, Cisco, Red Hat, AWS and more

**2.9M**

Hours of training in first half 2021

### Powering mission-critical technology systems across essential industries

 **5/5**  
top airlines  
by revenue  
passenger  
miles (RPM)

 **45%**  
of passenger  
cars made  
by our  
customers

 **61%**  
of assets under  
management by  
the top 50 banks  
managed by our  
customers

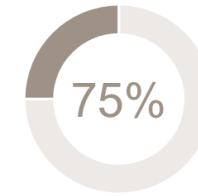
 **4/5**  
largest  
retailers

 **49%**  
of mobile  
connections  
managed by  
our customers  
\*2019 numbers

### Empowering thousands of customers

**4,000**


Global customers





...of the Fortune 100  
and more than half  
of the Fortune 500

### Providing undisputed leadership


 **6.1M** mainframe  
installed MIPS


 **270K** network  
devices managed


 **5,200+** WAN  
devices managed


 **3.5M** LAN  
ports managed

### ADAI Managed Services

 **67K+** VMware  
systems managed

 **15K+** Oracle and SAP  
instances managed

 **215K** application  
instances managed  
– OS, DB, MW

 **6000+** Skilled resources  
focused on Apps, Data  
and AI

We combine reliable, modular, scalable solutions with your existing architecture to unlock the full potential of your data and applications to deliver exceptional customer experiences and better business outcomes.



# Why partner with Kyndryl and Microsoft?

## The partnership

Together, our strategic partnership with Microsoft supercharges our customer-first focus, empowering enterprises with the best technical expertise, service excellence and ability to innovate in the market to help you solve your biggest challenges.

We offer deep operational knowledge, born out of our experience in managing the most complex workflows in the world. We understand the technologies that power the work you need to do, and how to optimize those technologies as your business needs change.

### Kyndryl's advanced specializations:

- Kubernetes on Microsoft Azure
- SAP on Microsoft Azure
- Analytics on Microsoft Azure

## Benefits

### Expertise:

- Kyndryl has deep experience across all major industries in integrating enterprise services with the Microsoft Cloud. We rank in Microsoft's Top 5 partners with the most certifications, globally.
- Our Microsoft University for Kyndryl enables us to continue to expand our skills.

### Innovation:

- Kyndryl/Microsoft Joint Innovation Lab showcases cloud-based solutions in experiential demo environments, enabling agile experimentation and new products/services development.

### Speed:

- Co-creation of joint solutions helps you get to market faster and deliver cloud experiences from the edge to application

### Trust

- Our joint partner network to empower our ability to continually solve your biggest challenges. The right partners, for the right use case, at the right time

## Joint Solutions

- Migration, Modernization & Deployment Services for Azure enhanced with data management and AI
- Managed cyber-resiliency for SAP and enterprise application workloads on Azure
- Modern Work for the digital workforce
- Mission-critical infrastructure management with IBM zCloud and Azure

## Business Outcomes

- Empower flexible, modern work environments
- Leverage Microsoft Cloud to automate for increased productivity
- Unlock maximum business value from technology investments



Microsoft Partner | Azure Expert MSP



[Learn more](#) about the partnership.

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# Thank You

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