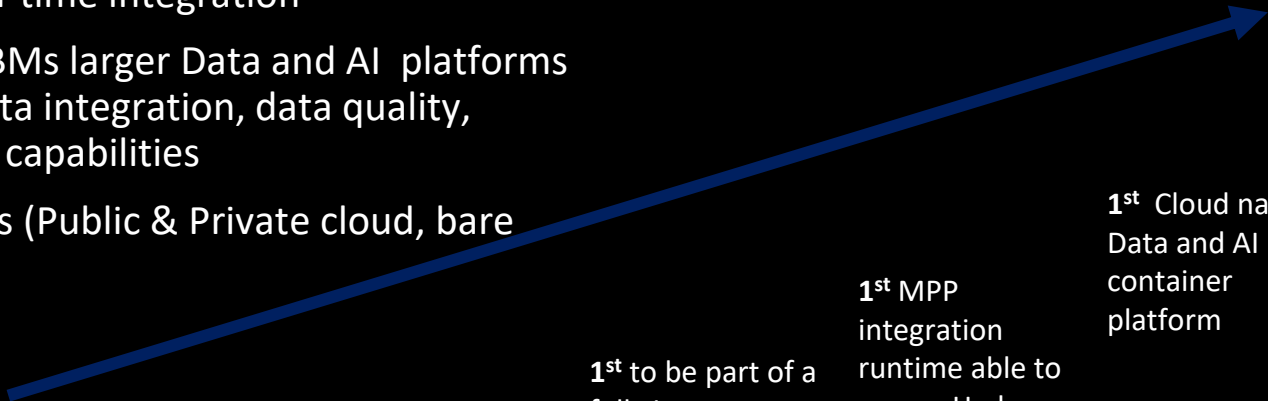# Ask Me Anything:
IBM DataStage and Data Integration

IBM

IBM DataStage – 20+ years invention and leadership in Data Integration

- Market leading Data Integration solution

- Supporting batch and real-time integration

- Natively integrates into IBMs larger Data and AI platforms to combine with other data integration, data quality, governance and analytics capabilities

- Many deployment choices (Public & Private cloud, bare metal , Hadoop)

1st Cloud native Data and AI container platform

1st MPP integration runtime able to run on Hadoop and stand alone

1st to be part of a fully integrate Data Management Platform

1st Parallel Execution Engine in a commercial ETL tool

1st commercial ETL tool on the market

Redesigning DataStage to support your digital transformation

Multi cloud & multi runtime

Flexible cloud deployment and optimized workload

Micro-Services-based

Enable the platform as loosely coupled service for fast & easy deployment

Persona Specific Experiences

Tailored interfaces -- easily accessible and consumable

Automation & M/L

Infuse automation and machine learning into everything we do

Cloud Pak for Data

Simplifies, unifies and automates your journey to AI

Base Services
Core to Cloud Pak for Data, these Base services fastrack organizations on their **end-to-end data and AI journey** with comprehensive continuum of capabilities.
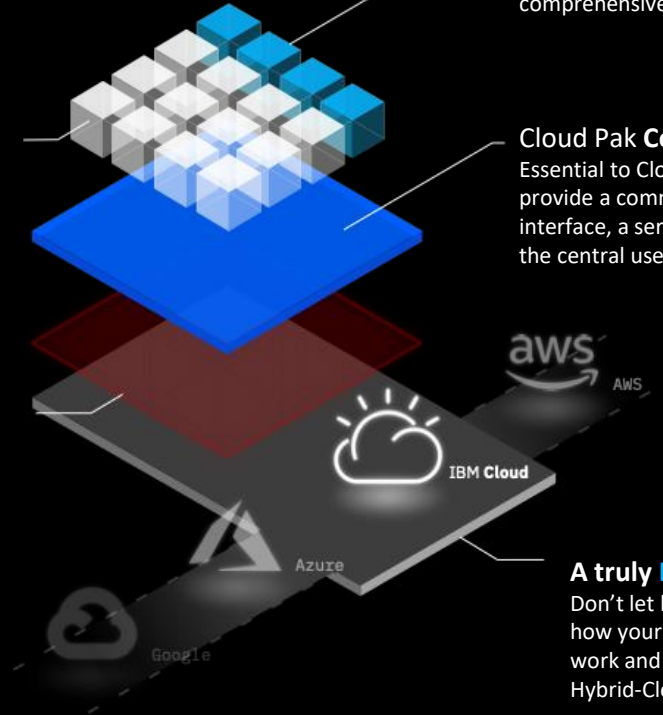
Extension Services
Beyond its Base Services, Cloud Pak for Data has a growing **ecosystem of IBM *Extension*, Partner and *Open-Source* Services** to expand the breadth of capabilities for teams.

Cloud Pak **Control Plane**
Essential to Cloud Pak for Data, Foundational Services provide a command-line interface, an administration interface, a services catalog, a central list of connections, and the central user experience.

Red Hat® OpenShift®
A streamlined hybrid-cloud foundation to take advantage of the underlying resource and infrastructure optimization and management. OpenShift license dedicated to run Cloud Pak for Data.
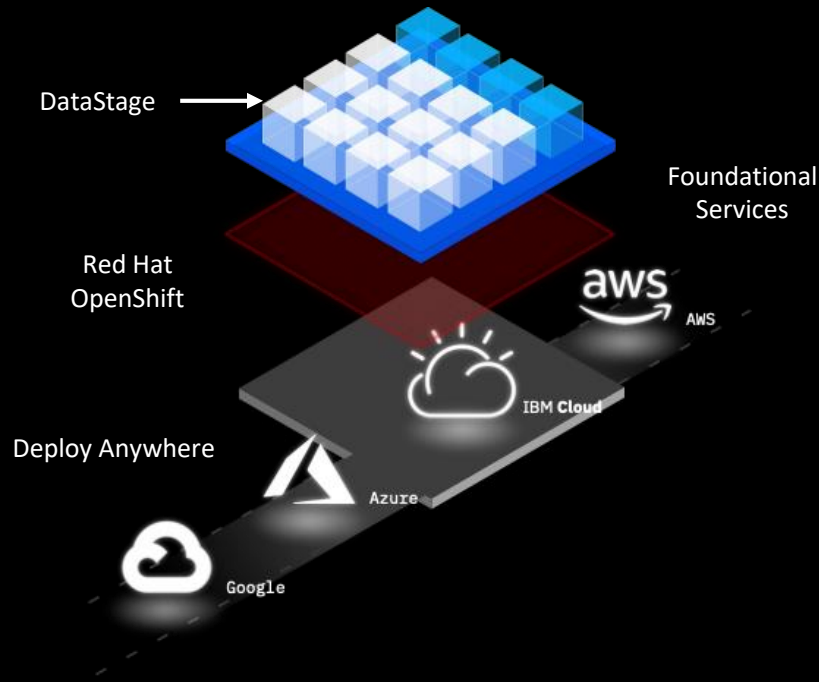
A truly Hybrid-Cloud world
Don't let lock-in or major IT decisions affect how your Data and AI temas operate. Your work and data should be accessible in any Hybrid-Cloud strategy.

aws
AWS

IBM Cloud

Azure

Google

IBM DataStage on Cloud Pak for Data

➢ Cloud-ready Data Integration Architecture for AI, built on containers and microservices

➢ Design once – run anywhere at extreme scale

➢ DataOps ready through out-of-the-box integration with governance, BI, data virtualization and data science

➢ Meet mission critical SLAs through automatic failure resolution

➢ Leverage existing DataStage investments in skills and assets – no costly retraining required

DataStage →

Foundational Services

Red Hat OpenShift

aws
AWS

IBM Cloud

Deploy Anywhere

Azure

Google

| Reduction in operational Costs **50%** | Reduction in workload execution time **30%** | Increase in time to production **9x** | Reduction in infrastructure management **85%** |