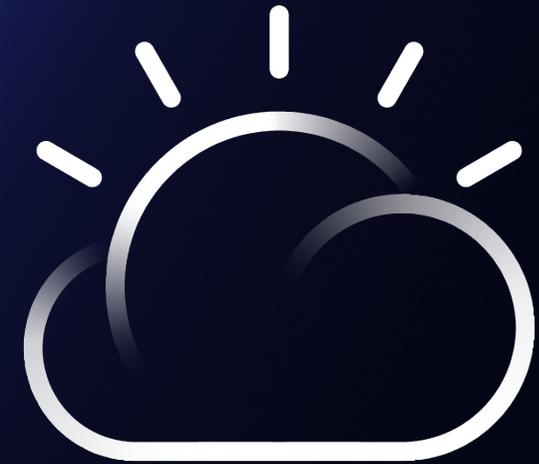




IBM Cloud, Data & AI Summit

Track **1**

**Datos e  
Inteligencia  
Artificial**



**IBM Cloud**

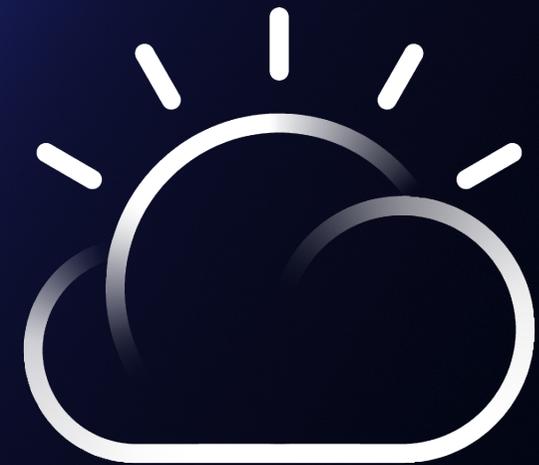
#IBMCloud



# IBM es Cloudera – Cloudera es IBM

**Victoria Gómez**  
Big Data Sales Leader  
IBM Europe

**Fernando Cortes**  
IBM Alliance Director  
Cloudera Inc.

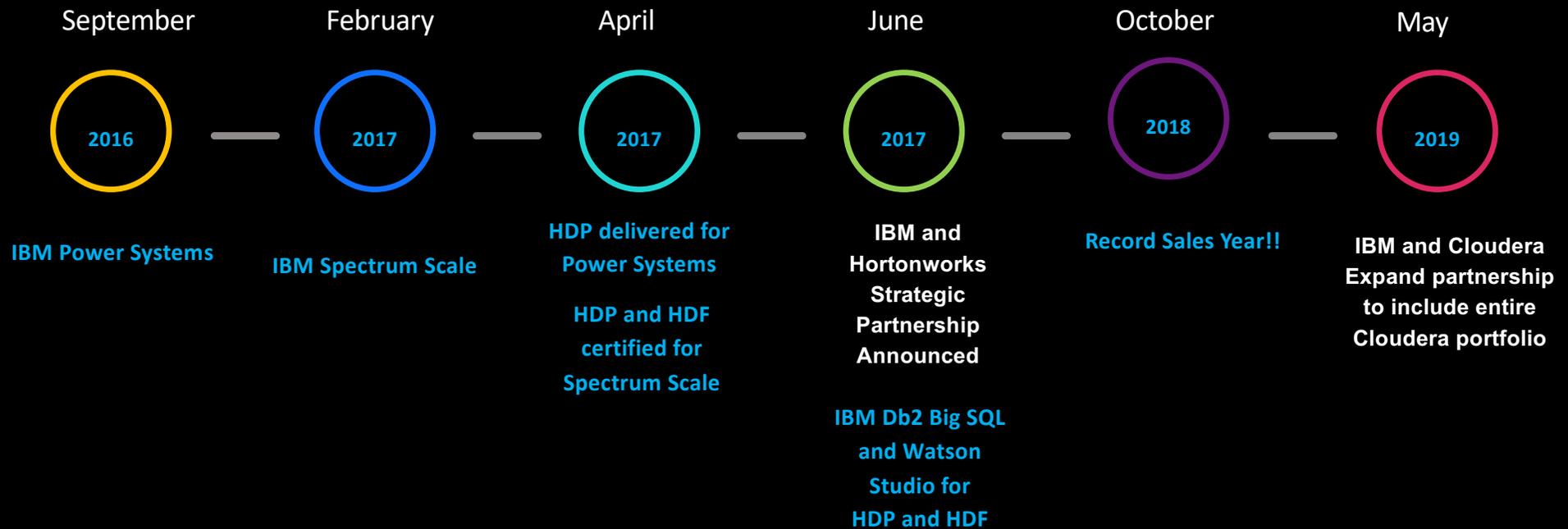


**IBM Cloud**

#IBMCloud



# IBM and Hortonworks/Cloudera: Relationship Timeline



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IBM Cloud

# IBM, Cloudera Announce Strategic Partnership

Building on a long-standing relationship with Hortonworks, IBM teams with Cloudera to align joint solutions

*Building on a long-standing relationship with Hortonworks, IBM teams with Cloudera to align joint solutions*

**Armonk, NY - 21 June 2019:** IBM (NYSE: [IBM](#)) and [Cloudera](#) (NYSE: CLDR) today announced a strategic partnership to develop joint go-to-market programs designed to bring advanced data and AI solutions to more organizations across the expansive Apache Hadoop ecosystem.

The agreement builds on the long-standing relationship between IBM and Hortonworks, which merged with Cloudera [in January, 2019](#), and created integrated solutions for data science and data management. The new agreement builds on these integrated solutions and extends them to include the Cloudera platform.

As part of the partnership, IBM will resell the [Cloudera Enterprise Data Hub](#), [Cloudera DataFlow](#) and [Cloudera Data Science Workbench](#). In addition, Cloudera will begin to resell [IBM's Watson Studio](#) and [BigSQL](#).

“By teaming more strategically with IBM we can accelerate data-driven decision making for our joint enterprise customers who want a hybrid and multi-cloud data management solution with common security and governance,” said Scott Andress, Vice President of Global Channels and Alliances, Cloudera. “We are pleased to have expanded our relationship with IBM, and I am very encouraged by the momentum that our companies have continued to generate together since the merger.”

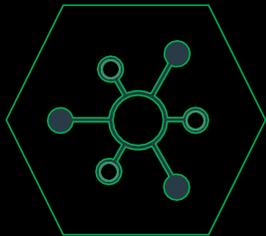
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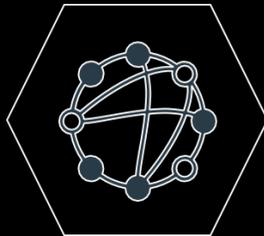
# Cloudera – From EDGE to AI



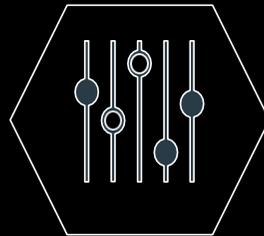
IoT, Ingest &  
Streaming



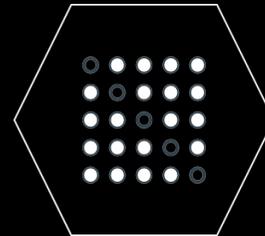
Data  
Engineering



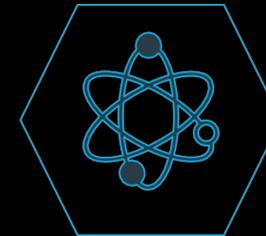
Data  
Warehouse



Operational  
Database



AI, ML &  
Data Science



Edge | Private | Public | Multi | Hybrid

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IBM Cloud

# Major architecture and technology shifts underway



## CLOUD EXPERIENCE



Easy to use, self-service, on-demand, elastic, consumption

## COMPUTE & STORAGE



Separation in public and private clouds for increased performance

## KUBERNETES & CONTAINERS



Adoption as standard operating environment for flexibility and agility

## STREAMING & ML/AI



Multi-function analytics for the data-driven enterprise

# CLUDERA DATA PLATFORM

## ENTERPRISE DATA CLOUD ARCHITECTURE

- Multi-function and multi-tenant analytics
- Hybrid and multi-cloud (migration/synchronization)
- Unified security and governance across workloads and cloud deployments on the same data
- Open platform

Unified Control Plane

Altus  
DataPlane

Identity | Orchestration | Management | Operations

Analytic Experiences

Data Flow & Streaming



DF-X

Data Engineering



DE-X

Data Warehouse



DW-X

Operational Database



OD-X

Machine Learning



ML-X

Open source distribution

DISTRO-X



Data Anywhere

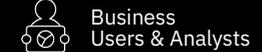
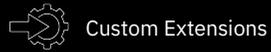
cloudera  
**sdx**  
shared data experience

Catalog | Schema | Migration | Security | Governance

Any Infrastructure



# IBM open information architecture for AI



## Unified Data & AI Microservices

Collect

Organize

Analyze

### Cloud-native Architecture:



Micro services



Containerized Workloads



Multicloud Provisioning

### AI Open Source:



### Data Open Source:

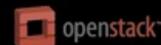


### Cloud Open Source:



IBM Cloud Pak for Data

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IBM Cloud