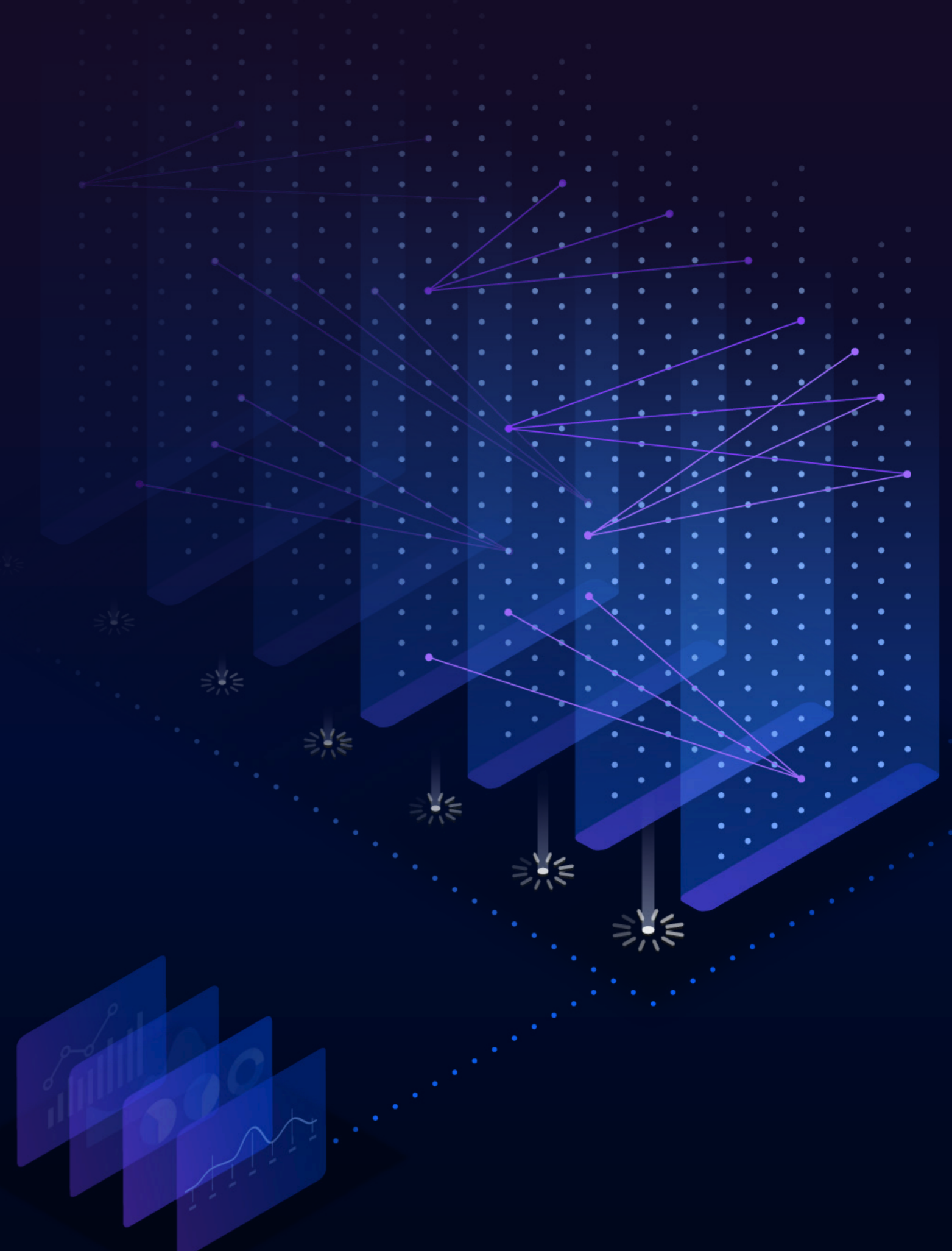


Accelerate deep learning workloads with IBM Cloud Pak for Data

From speech recognition and sentiment analysis to risk management and public safety, deep learning can play a crucial role in every industry. Implementing deep learning on a unified data and AI platform such as **IBM Cloud Pak® for Data** helps organizations automate AI lifecycles and accelerate model training and inference on a multitenant, multicloud architecture.



Get more from your deep learning investments¹

11x
faster GPU performance with accelerated ML library

94%
scaling efficiency for training from 6 to 48 GPU

45%
inference throughput enhancement vs. open source

Why run deep learning on IBM Cloud Pak for Data?

IBM Watson® Machine Learning Accelerator, a capability within Watson Studio on IBM Cloud Pak for Data, helps you:

Optimize your AI and cloud deployment

Break down silos and integrate deep learning in AI lifecycles. Seamlessly work on IBM Cloud®, Amazon Web Services (AWS), Azure, Google Cloud and private clouds.

Accelerate AI training without disruptions

Scale hosts and GPUs up or down with dynamic reallocation. Select best hyperparameters with auto-searches.

Drive faster insight by auto-scaling AI inference

Improve availability, throughput and latency. Run data preparation and discovery in parallel.

Speed up commonly used algorithms

Run top Kaggle ML models faster: **11x** on Logistic Regression, **13x** on Random Forest, and **102x** on Decision Tree.¹

Unique approaches to deep learning with IBM Cloud Pak for Data



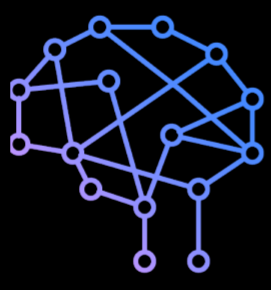
Multitenant architecture supporting up to thousands of servers, users and apps



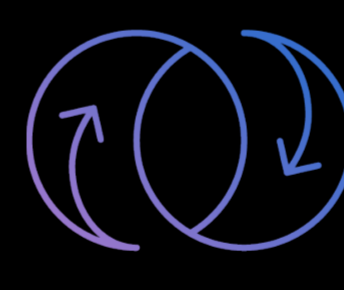
Secure, customizable virtual clusters for each tenant



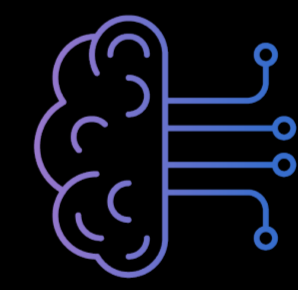
Large data set and model support, ideal for image classification



Elastic, distributed AI training and inference



AI lifecycle management to build, run and deploy models



Human and machine insights with integrated data and AI services

The projected total economic impact of IBM Cloud Pak for Data²

\$14.6–\$22.2 M
risk-adjusted three-year present value (PV)

\$1.2–\$3.4 M
data science, ML and AI benefits

86%–158%
projected return on investment

Get started

Register for a free trial →

Visit our website →



¹ Performance test estimate by IBM Systems and IBM Clients, 2020
² "New Technology: The Projected Total Economic Impact™ Of IBM Cloud Pak For Data," a commissioned study conducted by Forrester Consulting, February 2020.