IBM Cloud Pak for Data on Red Hat OpenShift container platform

An all-in-one cloud-native data and AI platform

Cloud Pak for Data is an integrated data and artificial intelligence (AI) platform that collects, organizes, and analyzes data to prepare it for AI infusion. Running on the Red Hat OpenShift container platform, and leveraging leading open source technologies, Cloud Pak for Data empowers developers and data scientists with the tools they need to modernize their data and AI applications.

Cloud Pak for Data allows organizations to:

- Enable developers to build cloud-native data-driven apps
- Support leading open source technologies
- Unify management and governance of all data, models and open source technologies

Leverage the power of open source¹

96% Percentage of applications with an open source component

57% Average percentage of open source in application codebases

78% Percentage of codebases in open source software with at least one security vulnerability

Three key benefits:

Allow data, analytics and application developers to collaboratively build enterprise applications that embed data and AI assets.
- Self-service tools
- Cloud-native workloads—“build once, deploy anywhere” capabilities
- Speeds up app development

Embrace innovative open source technology across the ecosystem.

- AI open source
  - Python
  - TensorFlow
  - Jupyter
  - R Studio
  - Spark ML
- Data open source
  - Hadoop
  - MongoDB
  - PostgreSQL
  - Apache
- Cloud open source
  - Docker
  - Kubernetes
  - Helm
  - Cloud Foundry

Build data governance at the core for application development throughout the enterprise.
- Track inventory of all open source tech in your apps
- Determine which open source capabilities are supported
- Identify and request certifications of open source tech

Witness the power of open source in Cloud Pak for Data.

Start a complimentary trial

For additional product information, visit ibm.com/analytics/big-data-analytics-platform-system.

Sources:
1. https://www.blackducksoftware.com/

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