

Building a data foundation for AI and Machine Learning



82% of enterprises are at least considering AI adoption¹

Yet, there's a roadblock looming many haven't considered.

Their data foundation may be crumbling or incomplete because the data required for AI and ML has grown drastically in terms of:



Volume of data



Variety of data types



Speed of creation

3 ways to make sure your AI and ML implementation stays on solid ground

01 Make data from all sources available

Despite data growth, many feel they lack usable data due to poor data management integration.

43%

say data availability is a barrier to implementing AI.¹

33%

of AI developers surveyed listed data ingestion as a problem.²

[Read white paper](#) →

Learn how a common SQL engine with virtualization helps you write queries once and run them anywhere.



02 Act on streaming data for quick insights

Streaming data is great for driving real-time insights, but not all solutions can keep up.

73%

are currently using or planning to use ML for streamed data.³

42%

said that using intelligent machines increased the decision speeds.⁴

[Read report](#) →

Read the latest Forrester report about the ingestion, analysis, and storage of streaming and fast data.



03 Offer the right tools to leverage data and offset the skills gap

Both tools and skills remain notable barriers to successful AI implementation.

17.4%

of developers named quality of existing tools a barrier to adopting AI & ML.²

63%

of respondents see skills as the top barrier to AI success in 2018.¹

[Read report](#) →

Read IDC's analysis of an integrated analytics system that uses built-in data science tools to help businesses bridge the current skills gap.



Whether you're looking to build or reinforce your AI and ML foundation, IBM Hybrid Data Management can help. Seamless integration across the Db2 Family is provided by the Common SQL Engine, whether you choose a cloud or on-premises deployment. The breadth of IBM solutions means you can leverage all data types, sources and structures. Learn more about how you can do more with your data.

[Learn more](#) →

© Copyright IBM Corporation 2019. IBM, the IBM logo, ibm.com, and IBM Cloud are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at "Copyright and trademark information" at www.ibm.com/legal/copytrade.shtml.

¹ Shifting toward Enterprise-grade AI <https://www-935.ibm.com/services/us/gbs/thoughtleadership/enterpriseai/>

² Legacy Systems and Poor Quality of Tools are Top Barriers to AI Adoption <https://evansdata.com/press/viewRelease.php?pressID=269>

³ Don't Get Caught Waiting on Fast Data <https://www.ibm.com/account/reg/signup?formid=urx-35056>

⁴ The Human Machine Interchange <https://www-935.ibm.com/services/us/gbs/thoughtleadership/humanmachine/>

