

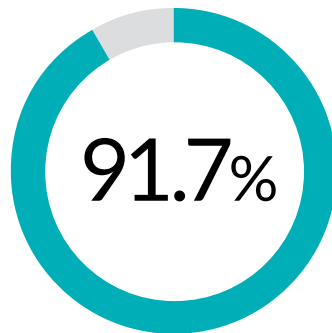
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AI Agenda: Data Integration Checklist



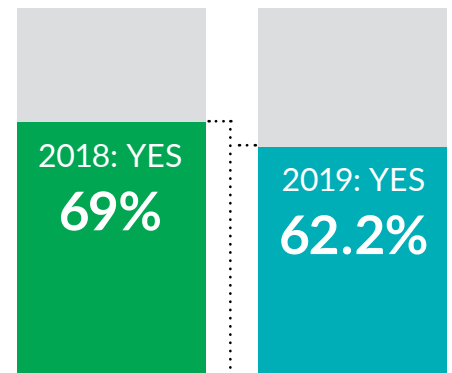
Are you exploring the potential of big data and AI? A recent executive survey by data advisory firm NewVantage Partners revealed two important facts about big data and artificial intelligence (AI).¹

What are the key drivers for big data and AI investment?



of companies say:
*business transformation
and improved agility
to operate more
competitively*

Are you realising measurable results from big data and AI ventures?



a decline of 11%
year-over-year.

Why are success rates declining when the pace and amount of investment is on the rise?

Much of AI success depends on the data, and therein lies the problem.



Data lives in different formats, structured and unstructured, video files, text, and images, kept in in different places with different security and privacy requirements, meaning that projects slow to a crawl right at the start, because the data needs to be collected and cleaned.”²

– VentureBeat

As a result, organisations need a strategy in place that includes a well-defined process and critical technologies for maximising the value of the data being ingested.

Five Steps Supporting Successful Data Integrations

1 Identify stakeholders across the organisation

- Establish responsibility for data governance
- Pinpoint departments to be involved at the start
- Choose a department to act as the 'test pilot'

2 Evaluate readiness and potential pain points

- Review data solutions that are currently deployed in the organisation
- Evaluate which ones still have value and which ones should be retired or replaced
- Determine which manual processes can be automated

3 Conduct a data audit

- Classify existing data by importance and type, i.e., structured or unstructured
- Ascertain how much time is spent on data wrangling
- Determine if there are gaps in the datasets and tap third-party sources to help fill those gaps

4 Define your Master Data Management (MDM) strategy

- Set rules for data use and access throughout the organisation
- Build a flexible data management platform to handle changing MDM requirements
- Outline the processes and people needed to achieve measurable results

5 Identify the right platform and tools for continuous improvement

- Look for a platform that is scalable to match organisation growth
- Determine if users require real-time data
- Ensure the platform is flexible enough to add new data sources and types as organisation needs change

How can Nexis® Solutions help?

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Nexis Data as a Service offers access to current and archival data via a variety of application programming interfaces (APIs).

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- Web Content

RESTful APIs

- Licensed and Web News
- PEPs, Sanctions and Watchlists
- U.S. Legal
- Company Information

Bulk APIs

- Licensed and Web News
- Web Content
- PEPs, Sanctions and Watchlists
- U.S. Legal
- Company Information


Constant Call APIs

- PEPs, Sanctions and Watchlists

For More Information

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¹ Davenport, Thomas H. and Bean, Randy. "Big Data and AI Executive Survey 2019," NewVantage Partners. January 2019. Accessed at: <http://bit.ly/2qoe6SQ>

² "Why do 87% of data science projects never make it into production?" VentureBeat. July 19, 2019. Accessed at: <http://bit.ly/2NlpQyv>