

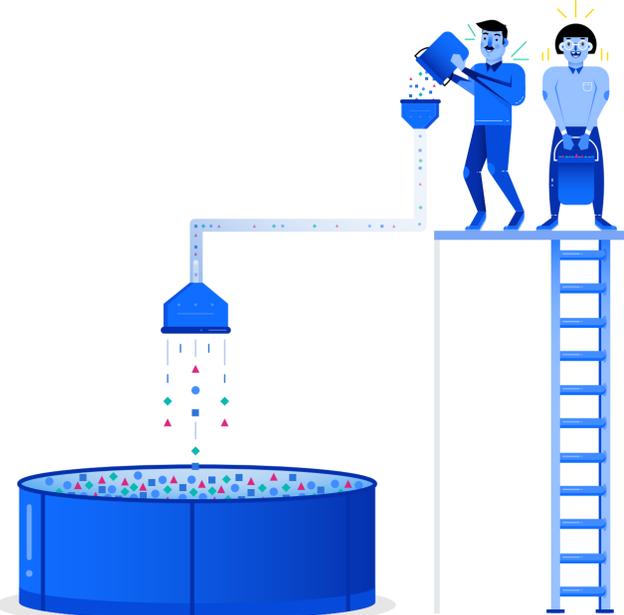
Four ways AI analytics projects fail (and how to succeed)

We've identified four pitfalls that commonly derail AI analytics projects—and four approaches that help organizations avoid trouble and realize success.

Top 4 AI analytics fails

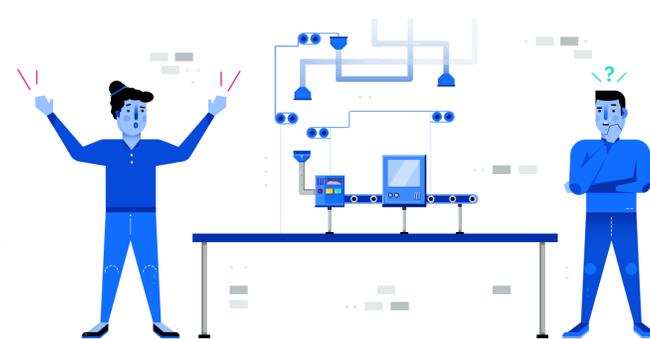
1 Dive in data first

It can be tempting to collect #AllTheData, dump it in a large data lake and figure out how to use it later. But what happens when only a fraction of it has true business value?



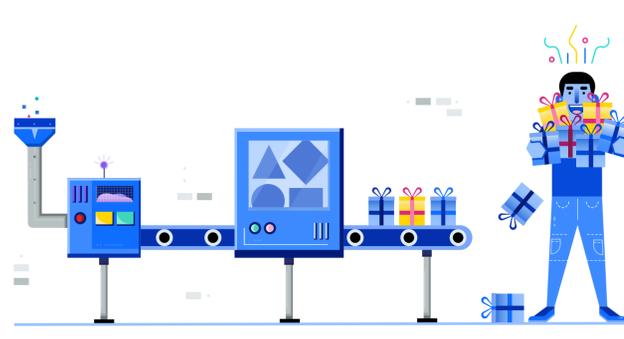
2 Clarity Later

“What was the goal again?” Building an AI capability with the intent to gain clarity on the objective later can lead to avoidable risk.



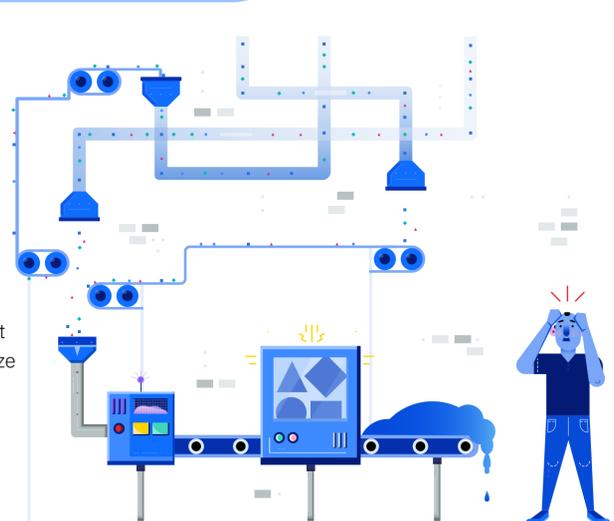
3 Candy Store

Pursuing several opportunities at a time is tempting, but diluting your effort can increase the risk of failure.



4 Payoff Later

Investing time in an initiative that doesn't payoff in insights in the end can jeopardize stakeholder support for future projects. Test early and pivot if needed.

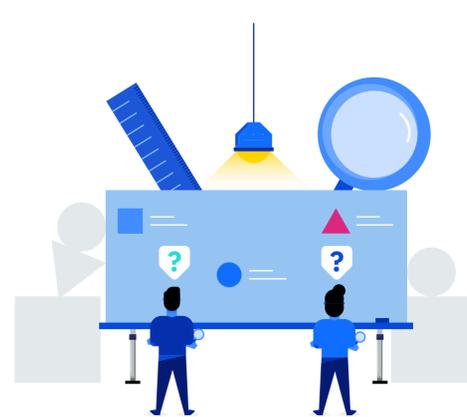


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Four analytic methods that avoid AI failures

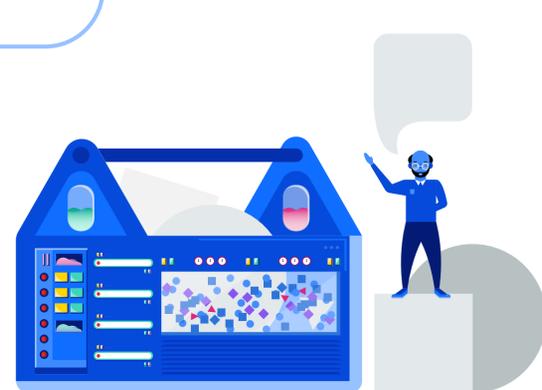
1 :: Gain clarity on the business question

Bring together a team of stakeholders with business and analytical skills, and question your assumptions: Where does the data come from? Which decisions might it support? How will insights be integrated into operations?



2 :: Enable faster exploration

Use a data science toolkit like **IBM PowerAI™** and Python to assemble your workflow and data flow to enable the early development of an analytics pipeline.



3 :: Empower a quicker win

If the project is small, use a data science sandbox to create a prototype on a small cluster. The prototype provides an easy way for leaders to gain confidence in the idea early.



4 :: Scale to production

Use an AI grid – a scalable multitenant cluster with high stability and high efficiency scheduling – to scale your prototype into production. A DevOps team can use the grid to turn it into a hardened piece of software for training data models.

