

THE KEY TO CONQUERING THE AI DILEMMA

THE UNIFICATION

OF DATA SCIENCE

AND ENGINEERING



STATE OF THE MARKET

AI HAS ENORMOUS PROMISE



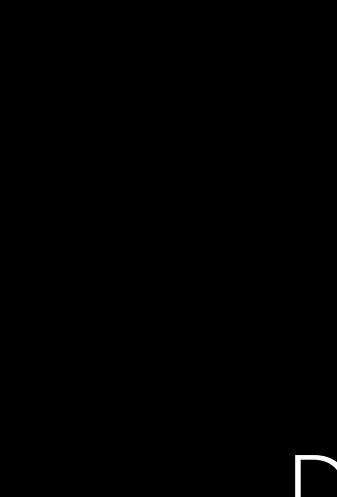
80%
are considering new AI projects



Nearly 90%
are investing in AI related technology

THE AI DILEMMA

However, very few are succeeding



Just 17%
have moved an AI project to production in a core business area



Only 1 in 3 AI projects are a success

BUT WHY?

CHALLENGE #1

Data is Key to Success,
But Difficult to Harness



96%
of enterprises cite data-related challenges with AI projects

CHALLENGE #2

Data Science and Engineering Silos
Harm Collaboration

80%

cite collaboration as a challenge



CHALLENGE #3

An Explosion of Machine Learning Frameworks Adds Complexity

TensorFlow

Caffe2

Spark MLlib

Mahout

PyTorch

Theano

Mxnet

Organizations are using an average of

7

different machine learning tools and frameworks

Source: 2018 Conquer the AI Dilemma by Unifying Data Science and Engineering, CIO/IDG, Sponsored by Databricks

by Databricks

Conquer the
AI Dilemma
by Unifying
Data Science
and Engineering

Survey research
for a one-to-one
planning and analysis
workshop at Fortune 1000
team collab.

6 months

It takes an average of

6 months

to bring AI projects to deployment

highly value the notion of a unified analytics platform

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