Predictive analytics & automated decision making

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BOARDS

What Boards Need to Know About AI
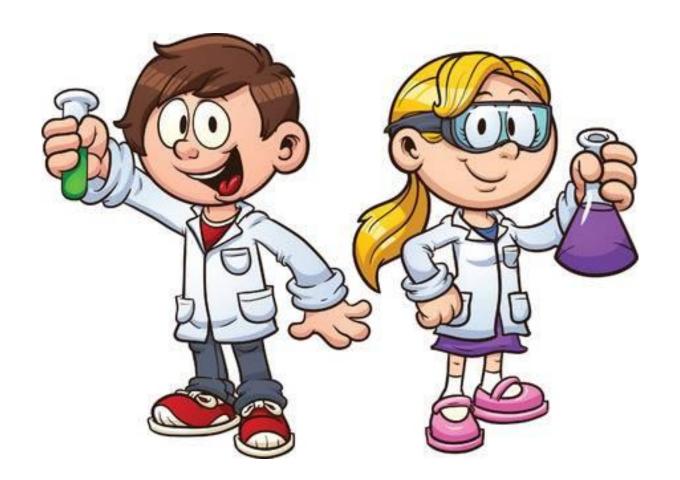
by Douglas Merrill

MAY 24, 2019

Summary   Save   Share   Comment   Text Size   Print   **$8.95** Buy

C. J. BURTON/GETTY IMAGES
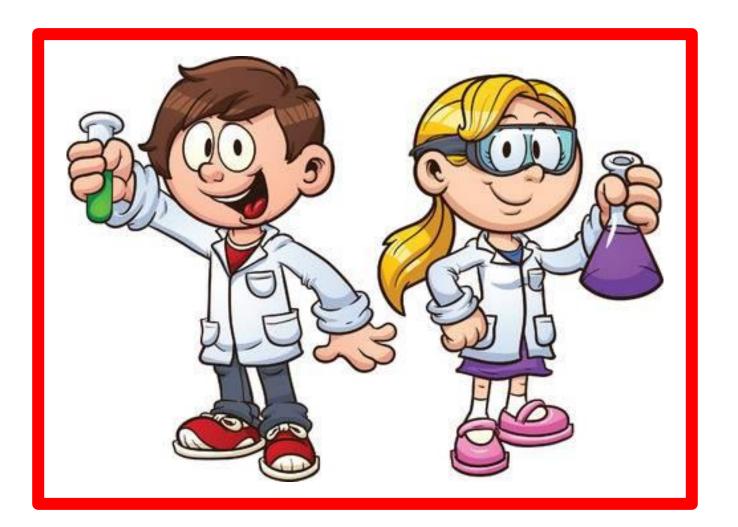
Article

Leading your organization to responsible AI

May 2019 — Company values can offer a compass for the appropriate application of AI, but CEOs must provide employees with further guidance.
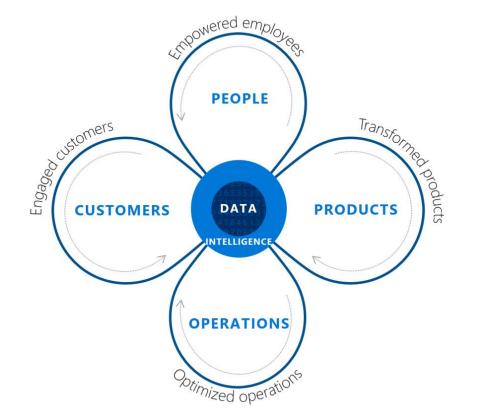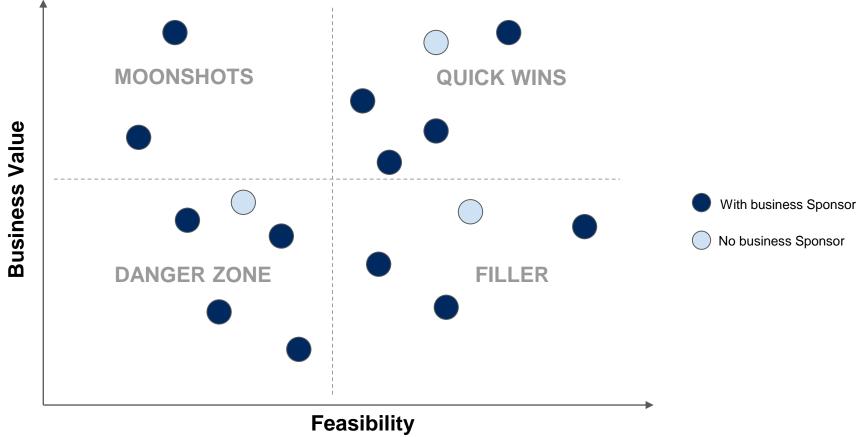
McKinsey & Company

McKinsey Analytics

McKinsey Quarterly

Artificial intelligence: Why a digital base is critical

July 2018 | Article

IVORY TOWER

NO ADMISSION

SZPYLBERT

Digital feedback loop

80%

TV SEM PRINT E-MAIL AD SERVING WEB ANALYTICS SOCIAL MEDIA MOBILE

NEW YORK TIMES BESTSELLER

"In addition to being a fascinating and colorful read, this book is an indispensable guide to organizational change." —WALTER ISAACSON, *from the foreword*

TEAM

— OF —

TEAMS

NEW RULES OF ENGAGEMENT FOR A COMPLEX WORLD
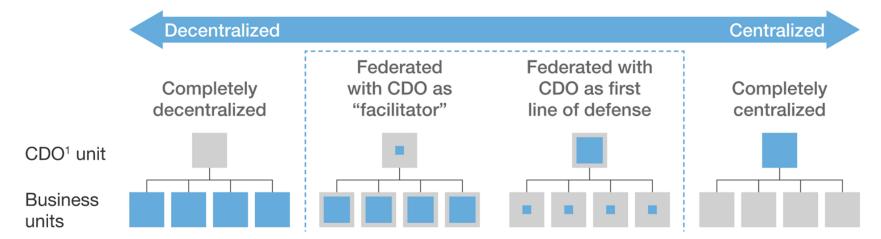
GENERAL STANLEY
McCHRYSTAL

U.S. Army, Retired

with Tantum Collins, David Silverman, and Chris Fussell

Legend:
- Organizational unit
- Data organization/center of excellence

Decentralized ←——————————————————→ Centralized

	Completely decentralized	Federated with CDO as "facilitator"	Federated with CDO as first line of defense	Completely centralized
CDO[1] unit				
Business units				

Self-service BI
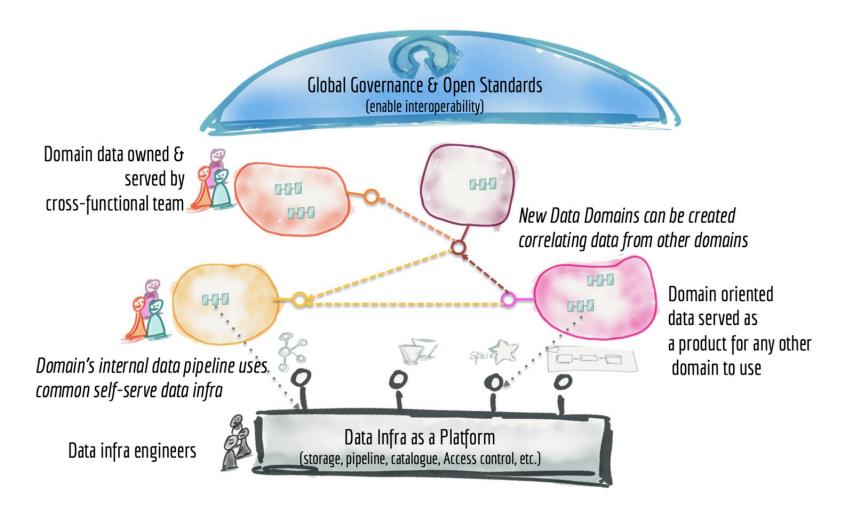
API

Real-time analytics

Machine learning

Global Governance & Open Standards
(enable interoperability)

Domain data owned &
served by
cross-functional team

New Data Domains can be created
correlating data from other domains

Domain oriented
data served as
a product for any other
domain to use

Domain's internal data pipeline uses
common self-serve data infra

Data infra engineers

Data Infra as a Platform
(storage, pipeline, catalogue, Access control, etc.)

https://martinfowler.com/articles/data-monolith-to-mesh.html

Analytics is high on the corporate agenda	→	**Focus on digital feedback loop**
More data available than ever before	→	**Open data by default**
A shift in consumption of data	→	**Build common data infra**

Thank you!

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