

Industry Update & Fireside Chat



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The Stages of AI Readiness

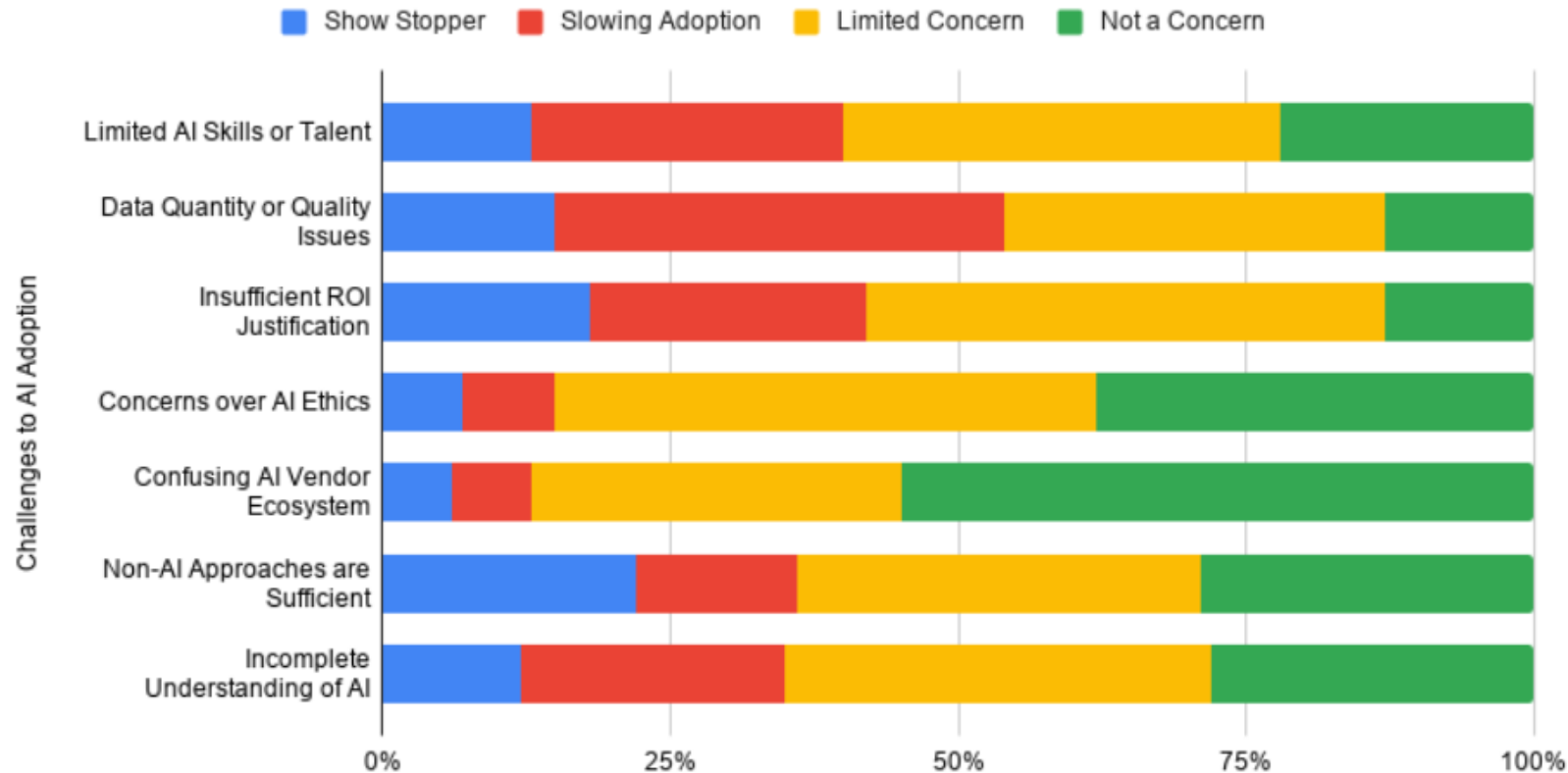
The foundational role of data in AI

Tim Siemens
Chief Technology Officer
Online Business Systems



Challenges to AI Adoption

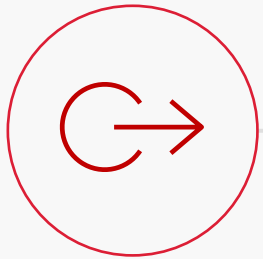
Source: Cognilytica © 2020



WHY AI PROJECTS ARE NOT DELIVERING RESULTS

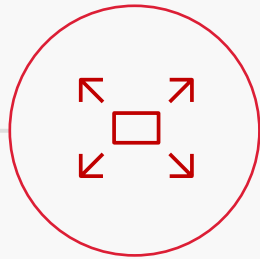
- Use cases selected were not appropriate for quickly achieving the objectives
- Insufficient ROI justification
- AI skills shortage
- Data quantity and quality concern
- Data Bias

AI MATURITY MODEL



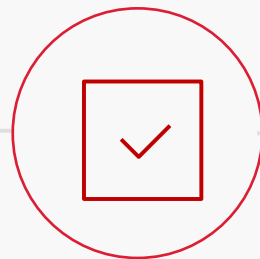
PLANNING

- > Exploring
- > AI Use Cases selected
- > Success KPI's defined
- > Substantially clean, correct data identified
- > Good Data Hygiene



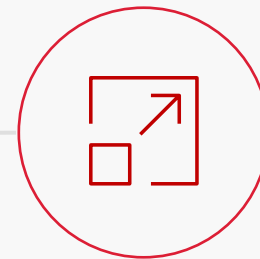
EXPERIMENTING

- > Data Science
- > Cloud AI
- > Successful POC's
- > AI Skills Development and Enrichment



STABLIZATION

- > AI Use cases in production
- > AI platform standardization
- > AI Center of Excellence



GROWTH

- > C-level ownership of AI
- > Pervasive AI use
- > Ongoing AI innovation an established practice



BAU

- > AI part of business as usual

CLOUD IN DATA SCIENCE/ML



COMPUTE POWER

- > Scaling Up/Down using OpEx Budget
- > Resolve problems faster than on-prem



BIG DATA

- > Lots of storage/backup required, avoid CapEx



SHAREABILITY

- > Easily shareable results and applications



CENTRALIZED DATA STORAGE

- > Simplified aggregation
- > Data from many sources



IT SUPPORT/ DEVOPS

- > Greatly simplified



FEATURES

- > Stand on the shoulders of giants
- > Re-invent or explore only what you need to

IMPORTANCE OF DATA PREPARATION

“Data Preparation is an iterative and agile process for exploring, combining, cleaning, and transforming raw data into curated datasets for data integration, data science, data discovery, and analytics/business intelligence (BI) use cases.”

- Gartner

By 2022, data preparation will become a critical capability in more than 80% of data integration, analytics/BI, data science, data engineering and data lake enablement platforms.

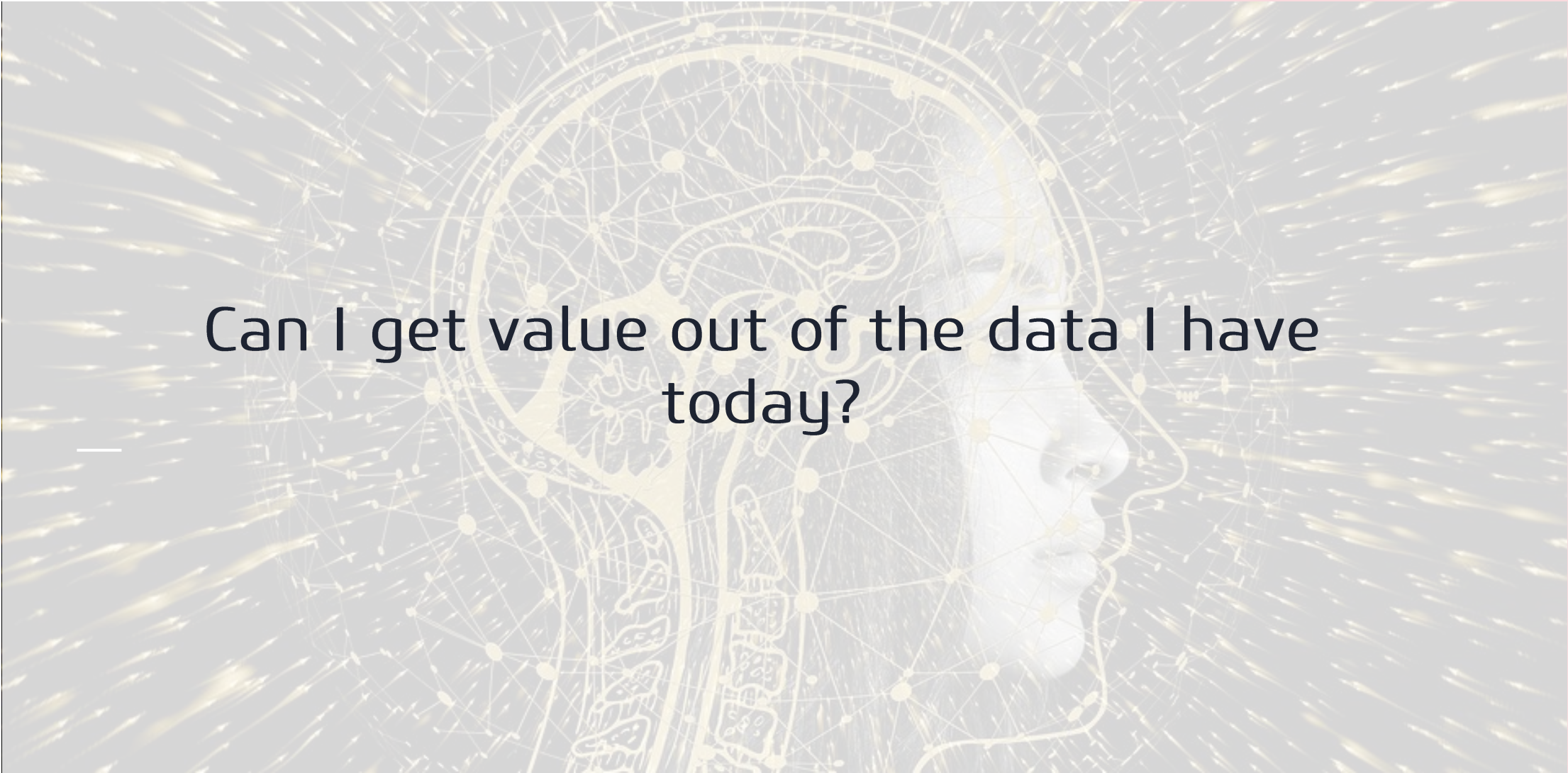
- The better the data, the better the analytics
- Data preparation is time consuming and important -> between 60% to 80% of a Data Scientists time.
- Great advances in tooling to support - Cloud Platform Services

PANEL DISCUSSION


Stages of AI Readiness



I want to introduce AI into my organization.
How do I get started?



Can I get value out of the data I have today?



Why are ethics and privacy such
important drivers in building a
successful AI program?



What are the benefits of cloud vs. my
on prem data center?

Thank You!

Stages of AI Readiness



Thank You!

for attending.

COMPLIMENTARY LEADERSHIP ONLINE FORUM | GREATER CANADA

AWS & ONLINE BUSINESS SYSTEMS PRESENTS:

Stages of AI Readiness | Data & Artificial Intelligence Leadership Forum



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