Putting AI to Work in the Enterprise

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Newsletters

• Inside AI – Rob May
• Exponential View – Azeem Azhar
• Import AI – Jack Clark
• Benedict Evans
• CB Insights

Podcasts

• This Week in Machine Learning & AI
• O’Reilly Data Show
• Masters of Scale
• The Twenty Minute VC
• Exponent
Hi. I’m Cortana.

Hey Cortana! Tell me a joke?
In a survey of CEOs...

- 24% are using AI
- 28% are evaluating AI
- 27% are aware of AI
- 21% say AI is not a priority

$15T of global GDP impacted by AI in 2030
Case 1: Leadership

Case 2: Project Selection

Case 3: Teams & Skills
CASE 1:
Leadership
- Data
- Compute
- Business Process SMEs
- Cyber
- 3rd Party Relationships

- Customer Experience
- “All” Customer Tech
- Market Data

- Emerging Tech
- Labs
The CIO doesn’t own the tech budget anymore

<table>
<thead>
<tr>
<th>Percentage of digital/technology spend outside of the CIO’s IT budget:</th>
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<tbody>
<tr>
<td><strong>62%</strong></td>
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<tr>
<td>Public Sector</td>
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<tr>
<td><strong>72%</strong></td>
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<tr>
<td>Financial Services</td>
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<tr>
<td>Healthcare</td>
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<tr>
<td>Power &amp; Utilities</td>
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<tr>
<td><strong>73%</strong></td>
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<tr>
<td>Entertainment, Media &amp; Communications</td>
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<tr>
<td>Industrial Products</td>
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<tr>
<td>Technology</td>
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<tr>
<td><strong>74%</strong></td>
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<tr>
<td>Energy &amp; Mining</td>
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<tr>
<td><strong>75%</strong></td>
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<td>Automotive</td>
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<td>Hospitality</td>
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<td>&amp; Leisure</td>
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<td>Retail &amp; Consumer</td>
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QUESTIONS:
Who owns emerging tech in the organization?
Who owns AI? Who might *think* they do?
Where do AI assets exist in the organization?
Where do budgets exist in the enterprise that might be allocated for AI?
CASE 2: Project Selection
In a study we conducted on AI...

67% of business executives see the future potential of AI to automate processes and optimize business efficiency.

70% of business executives agree that AI has the potential to enable humans to concentrate on meaningful work.
QUESTIONS:
Which business leader is a vocal champion for the business problem you are trying to solve?
What business metric(s) does the project address?
Does your project have the potential to make quantitative impact?
CASE 3: Teams & Skills
43% of companies have a dedicated team for digital innovation.

3rd Party Sources of Innovation:

- 3% University Labs
- 2% Open Source Projects
- 2% Incubators
- 1% Hackathons
QUESTIONS:

Do we have the AI expertise we need?

What channels can we use to source additional talent?

How can we organize to maximize sharing and learning?
AI Leadership “Hyperparameters”

Case 1: Leadership
Leaders - energetic, own $/assets, own problems

Case 2: Project Selection
Problems - BU vs enterprise, business lens
Sourcing - internal, external, crowd
Communication - automation, AI, loud, quiet

Case 3: Teams & Skills
Who is responsible for AI and owns the assets?
IN OUR 2017 DIGITAL IQ SURVEY,

20% of executives said their organizations had the skills necessary to succeed with AI.
Who will help our **business leaders** learn about AI?
Thank You

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