Information Capital

Data as an Asset



Jake Freivald Information Builders May 14, 2013

Information Strategy vs. Buzzwords

"Big Data Is Less About Size, And More About Freedom"

The New York Cin

THE ERAOF BIG DATA IS HERE

t's Real, It's , and It's hanging d"





New Posts +5 posts this hour

Popular	Lists
America's Best Airlines	Disruptors 20:

Vid _{Hip-I}

102

Share

607

🛙 Tweet

205

in Share

0

외 Submit

21

Q +1



Joe McKendrick, Contributor I track how technology innovations move markets and careers + Follow (181)

TECH | 3/17/2013 @ 9:38PM | 3,280 views

Cloud and Big Data, Together: A Huge Springboard to Innovation

+ Comment Now + Follow Comments

"Big data is the new cloud computing."

This sentiment was recently expressed in an <u>interview</u> with Motley Fool analyst Tim Beyers, who analyzed the zeitgeist coming out of the <u>South-by-Southwest (SXSW)</u> conference and observed that cloud computing and big data were now one in the same phenomena, converging on enterprises of all shapes and sizes.



Beyers may have meant that the level of industry interest and innovation in big data parallels that seen in the cloud computing space in recent years. But in many ways, the two are becoming one in the same — cloud resources are needed to support big data storage and projects, and big data is a huge business case for moving to cloud. The innovations and buzz around big data

Huge Springboard!!!!!

http://www.flickr.com/photos/battlecreekcvb/4101266548/sizes/l/in/photostream/

A FRANKAS ANOTHE DAMAGE



New Posts +5 posts this hour

Popular	Lists
America's Best Airlines	Disruptors 20:

Vid _{Hip-I}

102

Share

607

🛙 Tweet

205

in Share

0

외 Submit

21

Q +1



Joe McKendrick, Contributor I track how technology innovations move markets and careers + Follow (181)

TECH | 3/17/2013 @ 9:38PM | 3,280 views

Cloud and Big Data, Together: A Huge Springboard to Innovation



"Big data is the new cloud computing."

This sentiment was recently expressed in an <u>interview</u> with Motley Fool analyst Tim Beyers, who analyzed the zeitgeist coming out of the <u>South-by-Southwest (SXSW)</u> conference and observed that cloud computing and big data were now one in the same phenomena, converging on enterprises of all shapes and sizes.



Beyers may have meant that the level of industry interest and innovation in big data parallels that seen in the cloud computing space in recent years. But in many ways, the two are becoming one in the same — cloud resources are needed to support big data storage and projects, and big data is a huge business case for moving to cloud. The innovations and buzz around big data

CHROMERVER

voice	CO.	Duplicate (Clone) by Invoice	Your Co	ompany Logo	< <u>Prev</u> <u>Next</u> >	View Invoices View Sent Invoices
Bill	ing Address		l	Number	9459	Add Invoice Change Invoice
Adam S. Andler 88 Comedy Lane Lafalot, CA 92556		2	Date	05/04/2010	Clone Invoice	
		Law	n Lizards	Terms	Net 15	Delete Invoice
				Due Date	05/19/2010	Add Payment
				Phone	555-456-7899	View Payments
				Fax contact@lawnliza	555-456-7898 rds.com	Payment Status
				www.lawnlizards.	com	
	Prod. / Svc.	Description	Qty.	Rate	Amount	
	Crape Myrtle	15 gal	5.0	\$ 75.00	\$ 375.00	
	Tree Installation	Crape Myrtles	5.0	\$ 40.00	\$ 200.00	
50 mm	Mums	1 gal - Assorted colors	25.0	\$ 3.99	\$ 99.75	Open [\$682.98]



New Posts +3 posts this hour Popular Lists
America's Best Airlines Disruptors 2013

Vide Hip-H



Joe McKendrick, Contributor I track how technology innovations move markets and careers

+ Follow (181)

TECH | 4/15/2013 @ 9:18PM | 109 views

Cloud Computing Gets Deeper and More Strategic, Survey Shows

+ Comment Now + Follow Comments

Close to two-fifths of organizations now run private clouds in one form or another, and one-fourth are using public cloud services in an enterprise capacity. Private clouds are being extended deeper into the organizations that have them — a majority expect to be running most of their workloads in the cloud within the next 12 months, especially Platform as a Service middleware. In addition, close to one-third of public cloud users report they are employing hosted services to run their private clouds for them.



Share

"Information is a strategic asset"

Introduction

Informatio Builders

"Information is a strategic asset"



Land is also a strategic asset.

But how do you use it?

"Information is a strategic asset"



Land is also a strategic asset.

But how do you use it?

• For a factory?

Image: Ninahale, Flickr.com, Creative Commons Attribution License.

"Information is a strategic asset"



Image: Public domain, courtesy Winterforce Media

Land is also a strategic asset.

But how do you use it?

- For a factory?
- For a farm?

Introduction

Information Builders

"Information is a strategic asset"



Land is also a strategic asset.

But how do you use it?

- For a factory?
- For a farm?
- For energy?

Image: David J. LaPorte, Creative Commons Attribution License.

"Information is a strategic asset"



Land is also a strategic asset.

But how do you use it?

- For a factory?
- For a farm?
- For energy?
- For all three?

"Information is a strategic asset"

The problem isn't collecting information.

- You already have more information than you currently use.
- Figure out why you want the information before you collect it.
- Avoid seeking information that costs more than its likely value.

The problem is maximizing the potential of information.

- Most people spend hours per week looking for information they need.
- Less than 20% of your data is going to fewer than 20% of your people.

Maximizing potential is the aim of strategy.

- Start with your business strategy.
- Create an information strategy that aligns with your business strategy.

"Information is a strategic asset"

- You already have more information Big an you can be the set of the s
- Figure out whNotventoughrof it being used it.
 Avoid seeking information that costs more than its likely value.
- The problem is maxioon Much Data formation.
- Most node speed hours performation for information they need.
 Less tNot enough information for end users
- Maximizing pote**Too**^S Little Strategy Start with your business strategy. CreaNotienoughtmanagement of yoursassety

Information Capital

Capital	Assets	Outcome
Investment	Facilities	Products & Services
Human	Employee Programs &Tools	Better Performance
Information	Data & Systems	Better Decisions & & Processes



Maximizing Your Information Capital Everyone Makes Decisions

	Analytical Role	Analytical Goal	Information Capital Gains
Traditional BI Lagging Indicator	, Analytics, Inforn s, Batch	nation Manageme	nt
Executive Management	Strategic	Set Strategy & Policy	Provide Investments & Resources
Mid-Managemer & Analysts	nt Analytical	Analyze Performance	Leverage Investment
Next Generat Leading Indicator	ion BI, Analytics, I s, Real Time	Information Mana	gement
Proactive Employees	Operational	THE RICHEST M IN THE WORLD AND REV CARNEG	

Maximize Your Information Capital Inhibitors and Enablers for Success



Business Inhibitors		
Leadership	Politics	
		Culture
Technology Inhibito	rs	
Accessibility Of Data	Trust in Data	User Adoption
Technology Enabler	S	
Integration	Integrity	Intelligence
	_	

Orienting Ourselves to Business Problems

What can't be measured can't be improved.

Management without measurement is just harassment.

Ideally: It starts at the top

- Create a strategy at the corporate level.
- Translate strategy into specific, measurable objectives
- Define *initiatives* to meet objectives
- Display *measures* to show progress of initiatives



Ideally: It starts at the top

- Create a strategy at the corporate level.
- Translate strategy into specific, measurable objectives
- Define *initiatives* to meet objectives
- Display *measures* to show progress of initiatives

- *Communicate* the strategy to *everyone*
- Align structure, goals, and incentives
- Clarify roles and responsibilities
- Acculturate employees to performance management

Logoff | Accessibility On | Tree | Tools | Recent | Favorites | Views | Personalize | Utilities | Help | PMF Help |

WebFOCUS Performance Management Framework



pmfadmin logged in.

Trusted sites | Protected Mode: Off

With Whom Are You Communicating and Aligning?

Information Builders

Your own people

"Improve Federal program effectiveness and public accountability by promoting a focus on results, service quality and customer satisfaction."

"Improve internal management of the Federal Government."

Congress or other relevant bodies

"Improve congressional decision-making by providing more information on achieving statutory objectives and on the relative effectiveness and efficiency of Federal programs and spending."

Increasingly: Constituents

"Improve program performance by requiring agencies to set goals, measure performance against those goals and report publicly on progress."

"Improve usefulness of performance and program information

by modernizing public reporting."



G00226942

Make Customer-Facing Analytics Part of Your Business Model

Published: 26 March 2012

Analyst(s): Kurt Schlegel

Organizations will increasingly use analytics and business intelligence to improve the customer experience. This research explains five ways to deliver customer-facing analytics in a way that is strategic to your business.

Key Findings

- Personalizing the customer experience, providing comparative benchmarks, and establishing trusted data aggregators will substantially improve transparency and competitive performance across all vertical industries.
- Demand for greater transparency and performance improvement, coupled with protections for consumer privacy, will overcome resistance to the customer-facing analytics trend.
- The customer-facing analytics trend leverages all four of the "nexus of forces" affecting IT: cloud, social, mobile and especially information.

Getting There

Information Builders

Top-down is generally better than bottom-up; however,

- Measure what you manage
- You may not always come to agreement at higher levels
 - Hierarchies may differ by law
 - Like a multi-tenant conglomerate
- Formalize and raise scope where possible
 - Learning experience

Considerations

Business/tech alignment for (e.g.) FWA detection/prevention

Information Builders

Assemble

- Domain experts (business & business-oriented systems)
- Integration specialists (technical)

Standardize

- Data stewards (business)
- Data cleansing & mastering experts (technical)

Analyze

- Fraud and business analysts (business / technical)
- Front-line workers (business)
- Statisticians and data scientists (business / technical)

Big Data:

Anything measured in lottabytes.

- Structured or unstructured
- Real-time or slow
- From disparate systems / sensors / interactions

Big Data: A collection of data so large and complex that it becomes awkward to work with. Difficulties include capture, storage, search, sharing, analysis and visualization.

— Wikipedia

What is the result of search, analysis, small data. and visualization of big data?

What kind of information gets shared?

Assemble

- No silos
- Big Data becomes small data before it becomes useful
- Analysis is part of the assembly process: predictive, sentiment, text, audio, video, image analytics

Standardize

- "No silos" means big data artifacts must be mastered
- Great deal of variety, error types, etc. surface in Big Data
 - Could be a benefit (e.g., surfaces alternate spellings)

Analyze

- Distill, distill then deploy as widely as possible
- Creative visualizations, e.g., GIS (mapping)

Mastering Big Data Can Catch Fraud, Waste, & Abuse



Recently Tweeted from Gartner MDM Presentation



Analysis and Visualization



Tax Collection – Improved targeting of past-due tax collections can help increase revenue

- Fraud Detection More accurate view of patterns in food stamp benefit transactions makes illegal activity easier to detect
- Unemployment Classify new claims as fraudulent or legitimate enables claims to be processed more quickly
- Crime Rate Reduction Accurately predicting when and where crimes are likely, allocating the appropriate resources
- Child Welfare Better matching with foster parents by identifying factors that contribute to successful placements
- Student/Faculty Attrition Improving student attrition and graduation rates, identify trends in keeping your best faculty Hospital Administration – Internal fraud detection, reduce mortality rates, improve patient satisfaction

About Information Builders

A leading independent global software provider

- Integration technology
- Data integrity and governance solutions
- Business intelligence

Our top priority is **customer partnership & success**

- Superior engineered software
- Highest-rated customer service

- 36 years of expertise
- 1,350 dedicated professionals
- 60 offices worldwide
- Tens of thousands of customers
- Millions of users

Gartner

"Only Information Builders achieves above-average ease of use, below-average implementation costs per user, above-average support for complex deployments and above-average business benefits."

Follow Information Builders

