BI, DW, & Analytics in the Cloud

Why, How, and When…

Dirk Garner
CIO Technology Summit
December 4th, 2014

Agenda

- Operational Advantages

- Going Green

- Agility

- Financial Advantages

- Security Concerns

- Competitive Advantage

Operational - Concerns...

◦ Adoption? Adapted?

◦ Performance?

◦ Value?

◦ It's Time!

Production Support Challenges
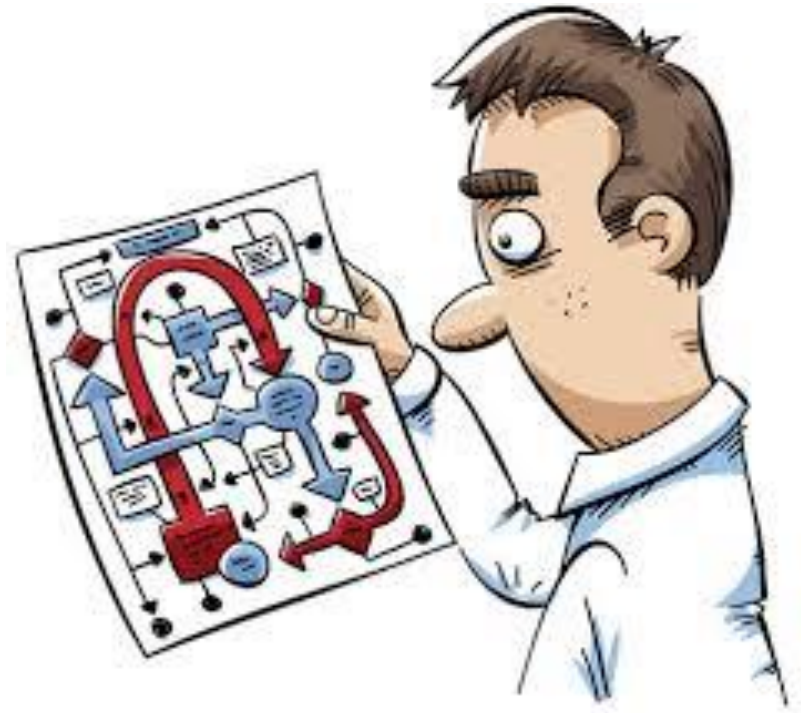

◦ Production support

◦ 2:00 am calls

Resource Challenges

◦ Qualified platform support resources: Hadoop, Informatica, Tableau, etc?

◦ Keep them happy and engaged?

◦ "How do I get started"?

Technology - Challenges

◦ Keeping track of technology

◦ Gartner Analysts?

◦ Getting disparate systems to work together

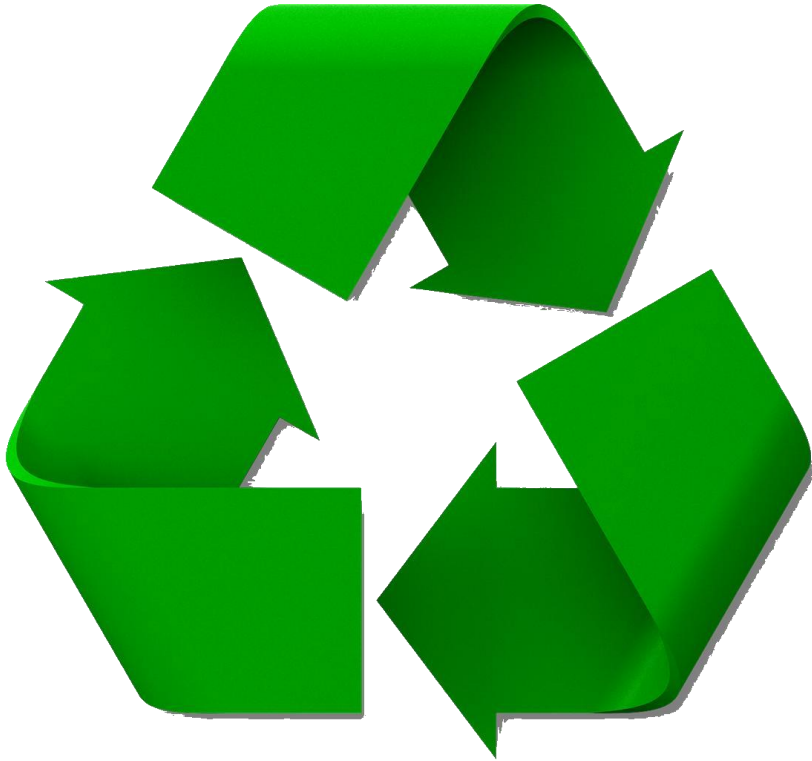◦ Tools to discover insight from data

Operational Advantages

Someone else does support!
- Bugs, fixes, patches
- Updates
- Upgrades
- SLA
- FT
- DR
- Scalability
- Elasticity

Go Green

◦ "Green" initiative?

◦ Environmentally friendly

◦ Smaller foot print

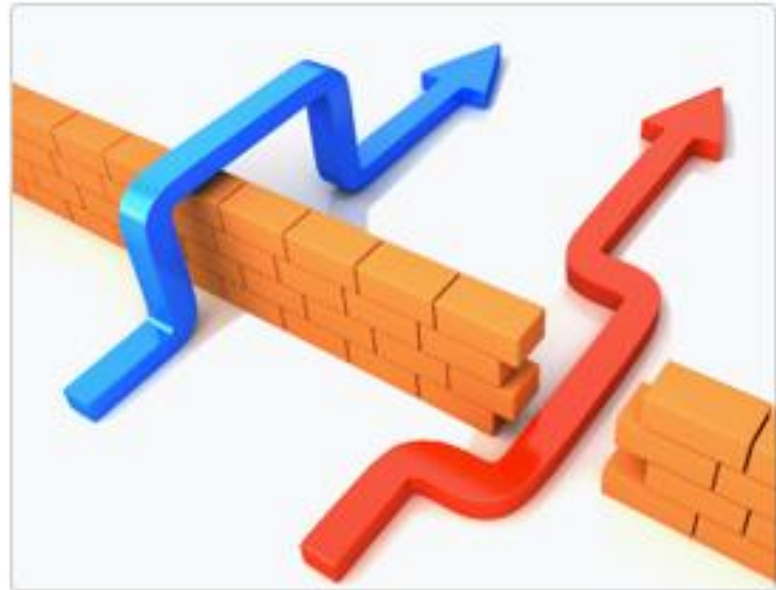◦ Shared footprint much smaller than sum of individual

Agility Concerns...

◦ "Lack of data integration inhibits innovation/insight"

◦ "Resistance in IT organizations to make data fully accessible and leverage-able"

◦ Data in a locked box is counter productive"

◦ "How do you get the data out?"

◦ "What do you do with it?"

Agility, Acceleration

◦ Low barrier to entry

◦ Drives exploration, experimentation, and discovery

◦ Elasticity

Agility, Acceleration

◦ Flexibility

◦ Work anywhere

◦ Encourages collaboration

◦ Encourages innovation

Security Concerns...

◦ Data security concerns? Target?

◦ Putting highly sensitive data into the cloud is a hard sell

◦ Legal/Risk departments inhibiting movement to the cloud

Security

- Where do the security experts work?

- Where do you think your data is safest?

- Notebook computers lost in airports each year

- What kind of data would you put in the cloud?

ROI Concerns…

◦ Is it expensive?

◦ "Hadoop is very expensive free software"

◦ "Delaying investments in staging data is slowing down analytics evolution"

Financial Advantages

◦ More cost effective and budget friendly

◦ Reduced needs of infrastructure, space, staff

◦ OpEx versus CapEx

Competitive Advantage - Value

◦ Reduce waste: one-off solutions, shadow IT, etc.

◦ Making data available fosters insight and innovation

Competitive Advantage - ROI

◦ "The evolution of analytics tools enables monetization and clearer path to positive ROI"

◦ "Faster cycle times, ease of use and low cost are critical to improved ROI"

BI, DW, & Analytics in the Cloud

Why, How, and When…

Dirk Garner has a broad technology background spanning 20+ years in data management including 10+ years in consulting roles, focusing on BI, software development, networking, and operational support. He has previously launched and ran a software and systems consulting services company for 10 years. Dirk can be contacted via email: dirkgarner@garnersoftware.com or through LinkedIn: http://www.linkedin.com/in/dirkgarner