IBM Software

Business Analytics Innovation et Stratégie

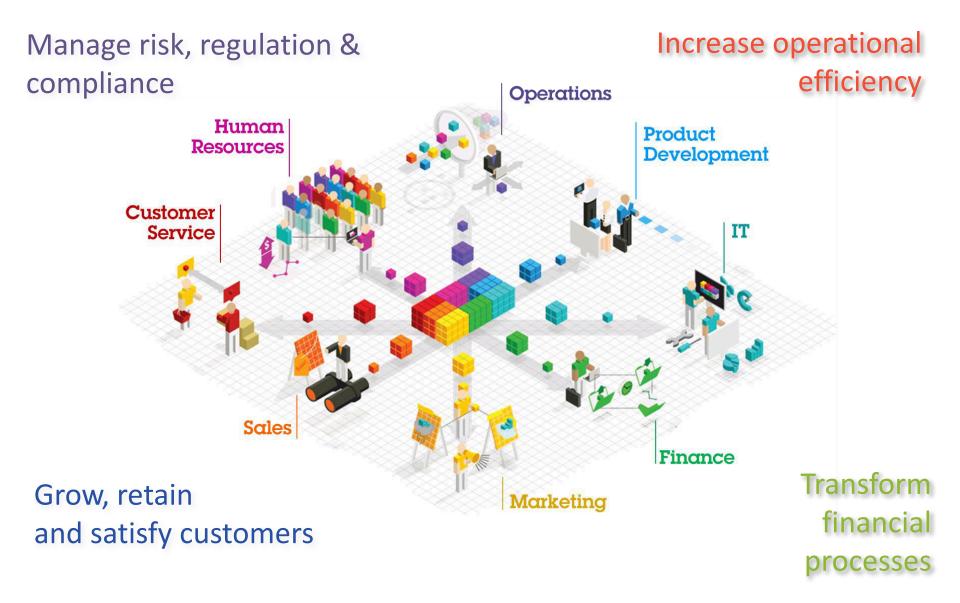
Erick Brethenoux – Director, Business Analytics Strategy

Août 2013



- 1. The radical transformation of the analytics market
- 2. Disrupting the market
- 3. Deliver business outcomes
- 4. Enable pervasive analytics
- 1. Weaving analytics in the fabric of businesses





The Analytics Marketplace is Radically Transforming...



The impact of the transformational shift: (1) Analytics becomes central & pervasive (2) Data fuels business outcomes **Application-Centered Today Analytics-Centered Tomorrow Business** Analytic Capabilities Applications Moving to a New Paradigm Platform **Transformation** about about (MobileFirst, Business People Thinas All Data Cloud-centric) Applications **Business** Analytic **Business** Analytic Data Capabilities **Applications** Capabilities about **Applications**

THATAT

Only 1 in 10 organizations has all the skills it needs to be successful 72 percent

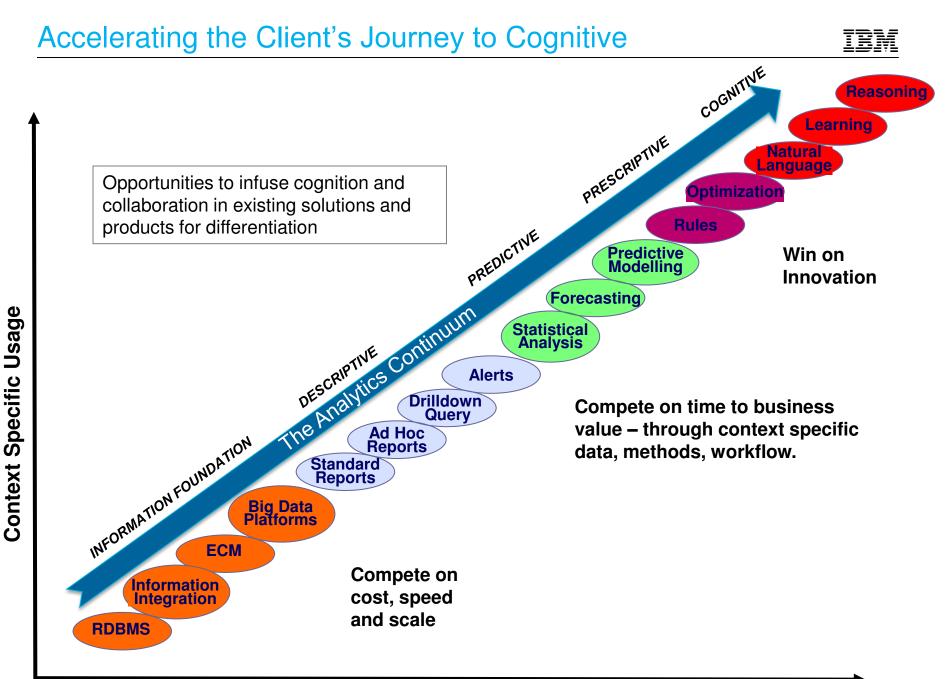
of educational institutions felt that their graduates were ready for the job market...





DISRUPTING THE MARKET

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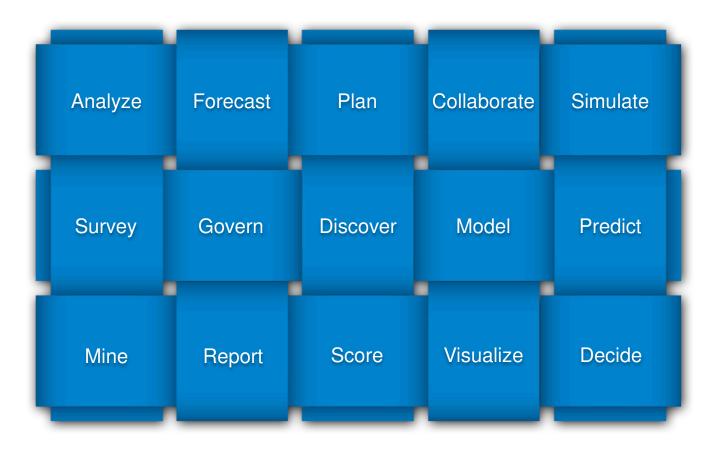


Natural, Intuitive or Automated Interaction

7



Integrate what you need, where you need it



Analytical Software Integration

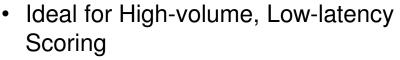


Business metrics, attitudinal and social insights on a single predictive dashboard

Benefits

- End-to-End Solution for Capturing and Distilling the Insight From Big Data and Publishing to IBM's Business Intelligence Solutions
- Combines Operational Metrics With Predictive, Attitudinal and Social Insights
- Enables Organizations to Use a Single Platform for Business Intelligence, Advanced Analytics and Reporting Across the Enterprise





- IBM SPSS Modeler for Model Development
 - Fast time to solution
 - Accessible to non-technical users
- IBM InfoSphere Streams for Highbandwidth, Low-latency Scoring
 - Algorithms scored in the context of stream processing
- IBM SPSS Collaboration and Deployment Services for Lifecycle Management
 - Automated model evaluation, model refresh and model re-deployment
 - Scoring models are updated without suspending data processing



Breakthrough Market Innovations





Cognitive

How can we learn dynamically?

Prescriptive

How can we achieve the best outcome?

Predictive

What could happen?

Descriptive

be

What has happened?

Information Layer

How is data managed and stored?

Project Concert: people-centric day-inthe-life oriented solutions

IBM as the customer's ultimate Performance Management partner through integrated, comprehensive performance management capabilities covering finance and other critical business functions such as sales, customer service and operations:

- Simplified interface and ease of navigation
- Relevance of Collaboration and Metrics
- · Powerful visuals

Business Value

- Out-of-the-box Analytic capabilities
- Natively exploiting Cloud & Mobile capabilities

Project NEO: A new paradigm for Interactive Analytics

Self-service **Data Analysis** Access, analyze and share insight in minutes



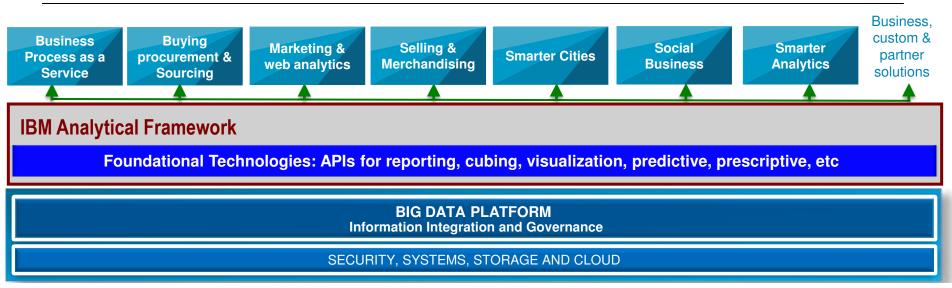
Creation of *Smart Applications* leverages partners to speed introduction of new capabilities

Cloud access to variety of services



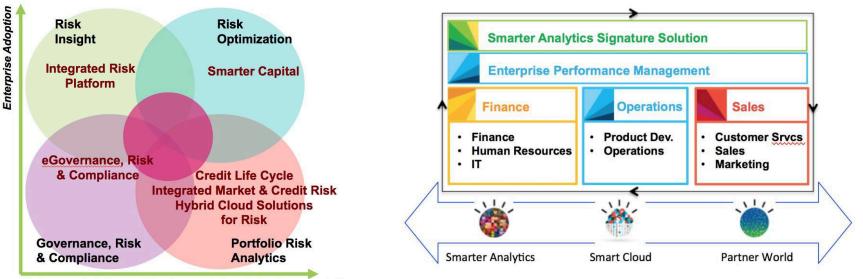
BUSINESS OUTCOMES

Delivering Business Outcomes...



Risk Management Vision

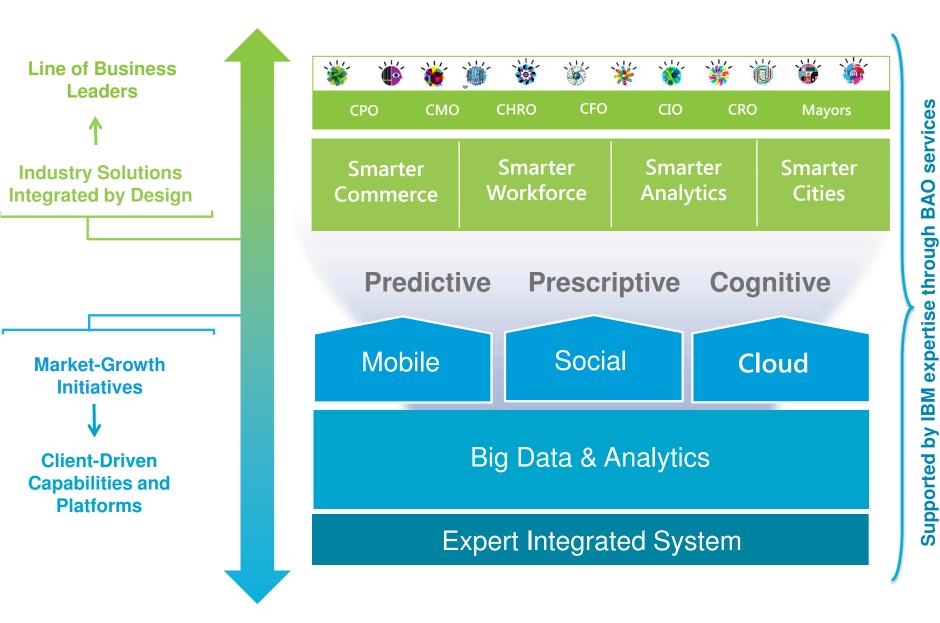
Performance Management Vision



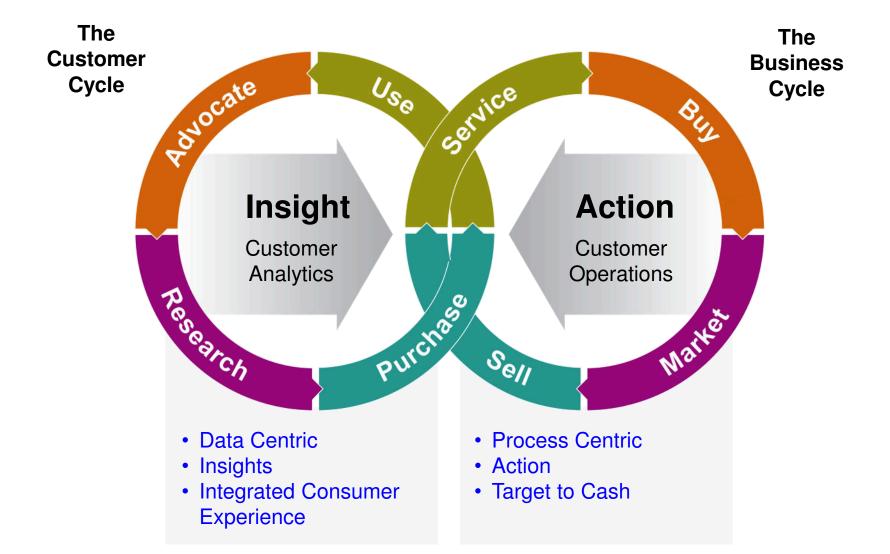
Risk aware decision making (increasing analytical complexity)

Sources: IBM Strategic Growth Opportunity Map, based on Application S/W Market served by IBM & IDC 235494 - WW Business Analytics Software 2012-2016 Forecast and 2011 Vendor Shares









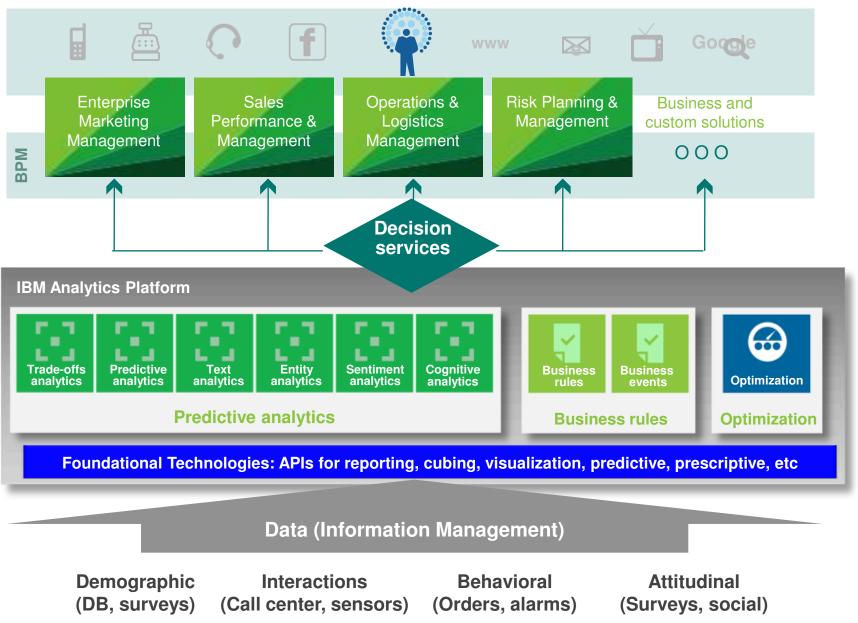


PERVASIVE ANALYTICS

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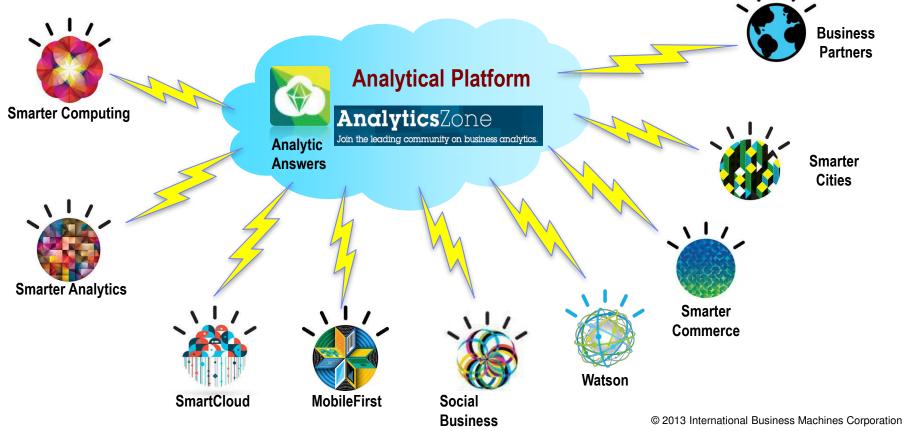
A Coherent Platform for Decision Making

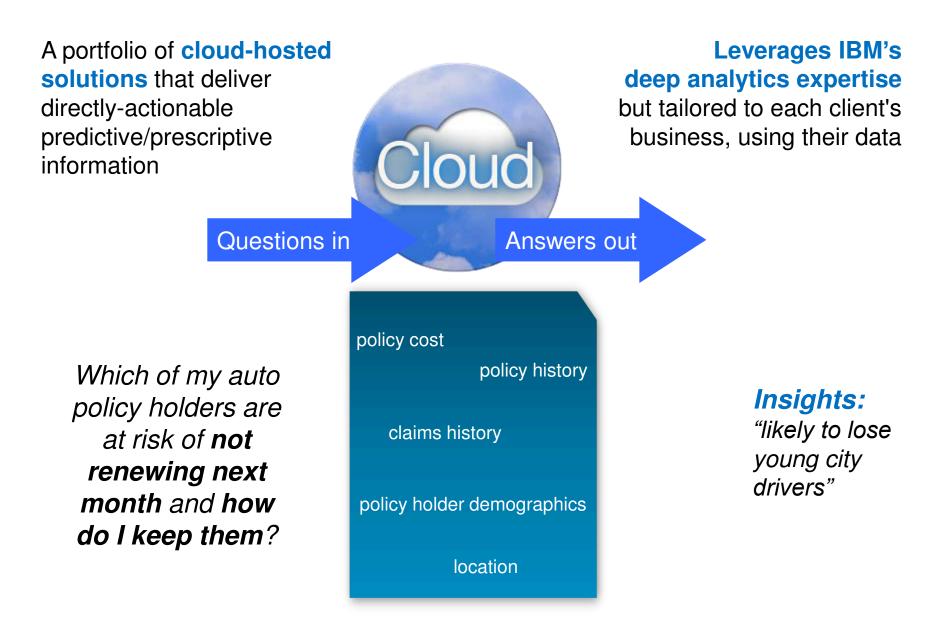




AnalyticsZone.com

- AnalyticsZone as the premiere destination for Analytics connecting LOB/Power users with professionals, content, events, training, and products.
- · Redefine how analytics are discovered, purchased, deployed and consumed
- Focus on immersive, engaging and addictive assets where the sheer size of the community creates an ecosystem around it (including knowledge, apps, data, extensions, etc.)





Bridging the Skills Gap

- 1. Simplifying the use of analytics for business users
- 2. Seamlessly integrating analytics in the fabric of solutions
- 3. Developing the next wave of analytical talents...

Academic Initiatives

Prepare students for Big Data & Analytics careers

- More than 300 partnerships
- Define new courses & curricula
- Guest speakers/lecturers
- Online resources centers
- Real-world case study projects
- Intern and Co-op Opportunities
- Fund research grants

Partner Ecosystem

Continuing education and reskill programs

- Ecosystem of knowledge (Big Data University, AZone.com)
- Enable the Business Partner community (Certifications and practice accelerators)
- Train and collaborate (IBM Analytics Solution Centers)

Kenexa

Build a Smarter Workforce with Kenexa and Analytics

- Smarter Enablement (combine cloud, social, mobile and analytics capabilities for just in time knowledge exchange)
- Talent Optimization
- Watson for the Enterprise HR & Watson as a Career Advisor





...ONE MORE THING

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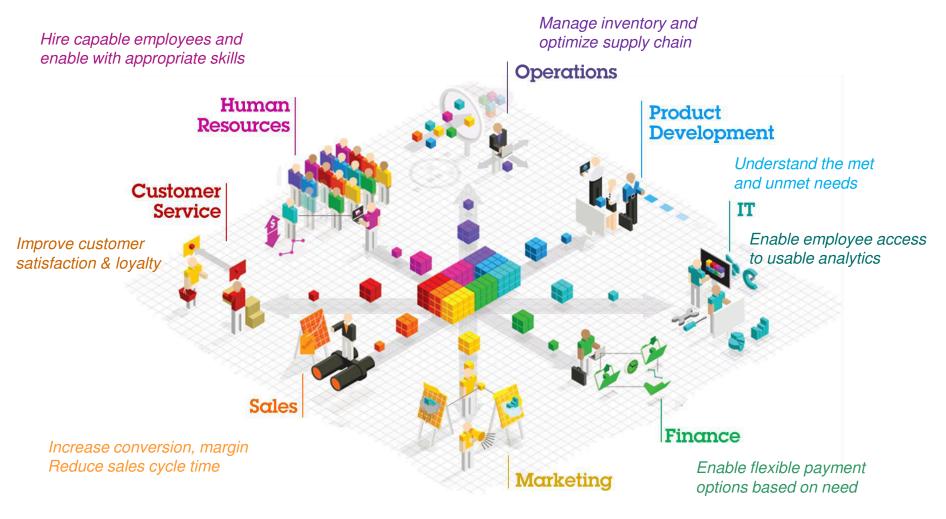




IN SHORT

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Increase brand preference, especially for customers with the greatest lifetime value