BIG DATA The Catalyst For Transformation

Generosa Litton EMC Corporation





What's Driving The Data Deluge?





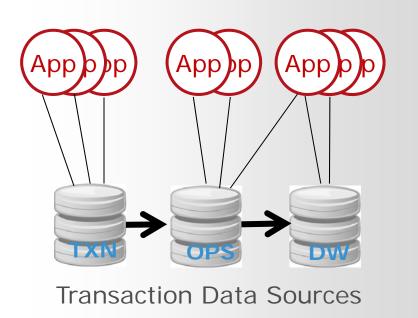
Big Data Is In Every Industry



EMC²

Fundamental Shifts For Big Data

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Real & Right Time Processing





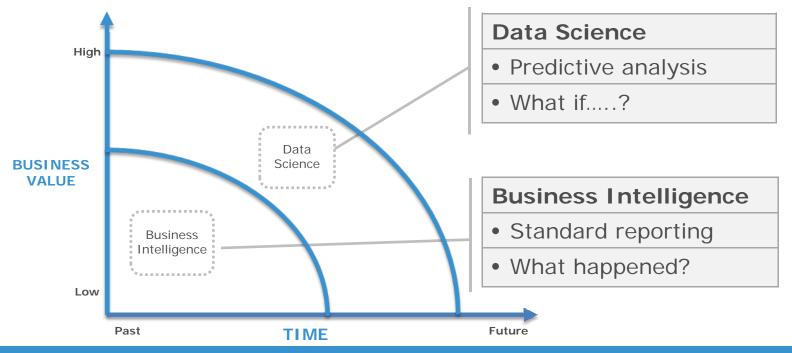
Gaining Value From Big Data With Analytics





Big Data Requires Data Science

New Approaches to Analytics





What Data Scientists Do

Key Functions Of The New Big Data Ecosystem

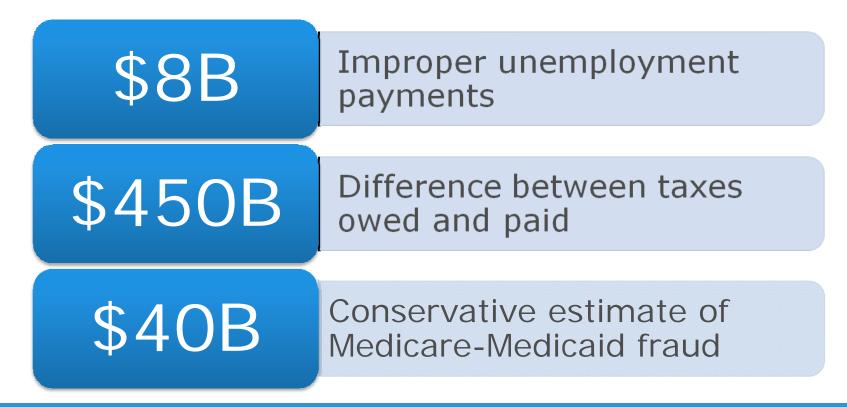




Big Data Transformation Use Cases



Situation Overview: Fraud, Waste, and Abuse





Reduce Fraud, Waste, and Abuse with Big Data



- Analyze and correlate multiple data sets across agencies
- Build user profiles and spot anomalies based on demographics and location
- Integrate identity and eligibility verification technology into the process



Identify Fraudulent Childcare Applications

Based on travel times, which applications for childcare subsidies look suspicious?



- A to B is a 55 mile drive from the applicant's home to daycare
- B to C is a 72 mile drive from daycare to the applicant's workplace
- Why would a parent who lived in Palmerton, worked in Allentown, enroll in daycare as far as Scranton?
- This case merits further investigation

Source: Deloitte Consulting



Reduce Healthcare Costs

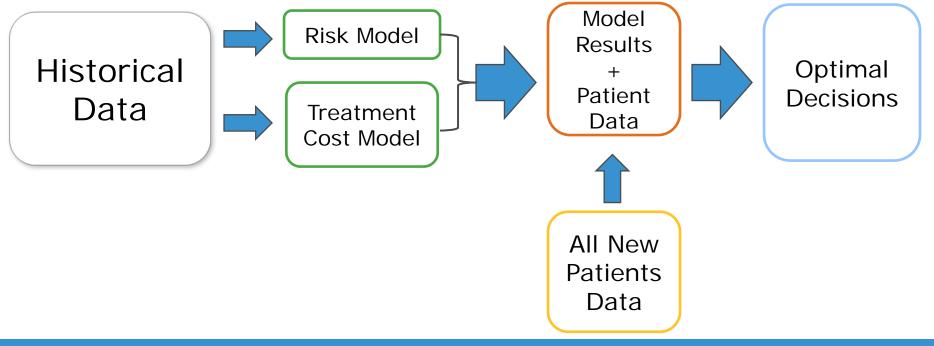
How do we reduce hospital-acquired infection costs?





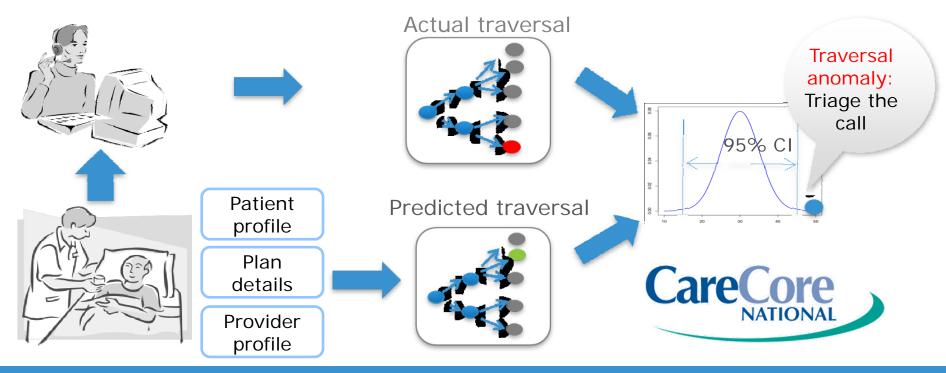
Model For Optimizing Patient Management

What is an optimal strategy for choosing patients and minimizing treatment costs?



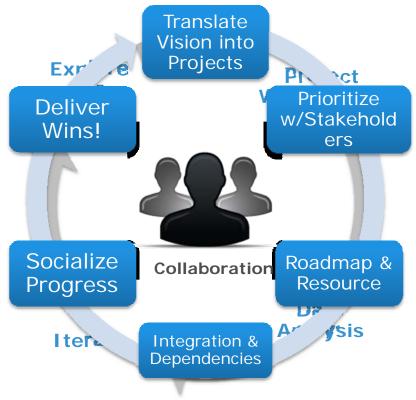


Big Data Drives Health Treatment Efficiencies Question: How do we improve the patient treatment process?





Big Data Process & Change Management





Summary





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Success Requires Focus on Technology, People and Process









THANK YOU generosa.litton@emc.com



