

Transformation of Core Business Function Areas using Advanced Analytics and AI

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Corporate Functions and AI - Why and How

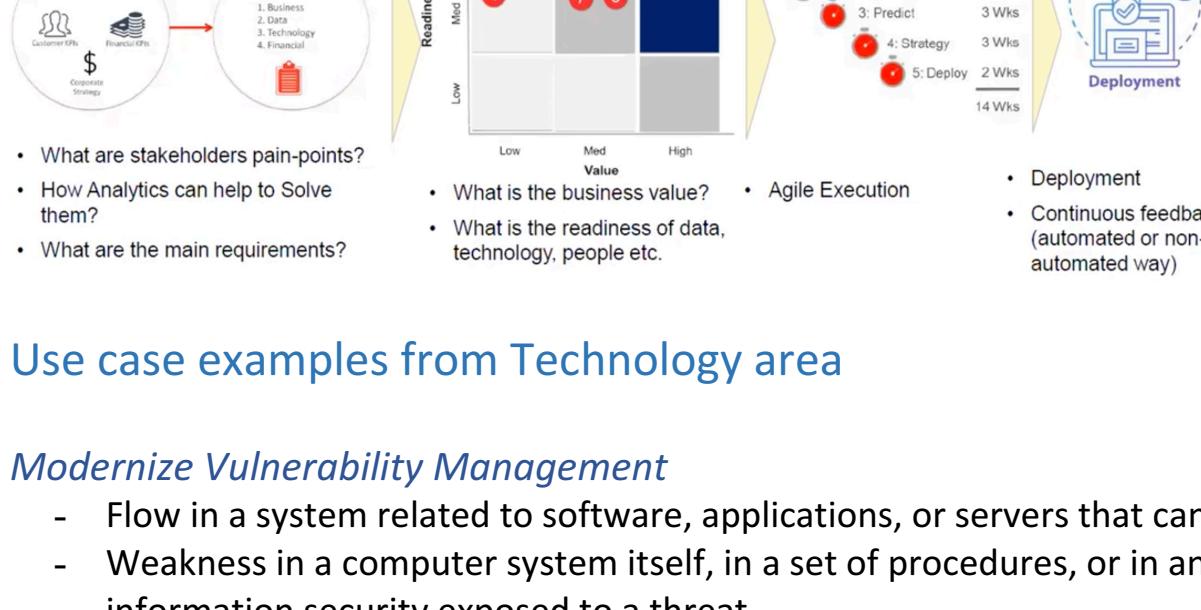
How advanced analytics & AI can help business functions?

- Effectiveness
- Cost and efficiency
- Competitive landscape
 - o Obtain or sustain a competitive advantages

Strategy

- Holistic engagement
 - o Leadership Buy-in
 - o Align with business, data, analytics and technology
- Evolutionary approach
- Reusability and scalability
- Collaboration
- Agile execution
 - o Nimble delivery and collaborative solutions
 - o Staffing of specialized resources based on project needs including SMEs
- Shorter project cycle

AI engagement & Delivery Framework

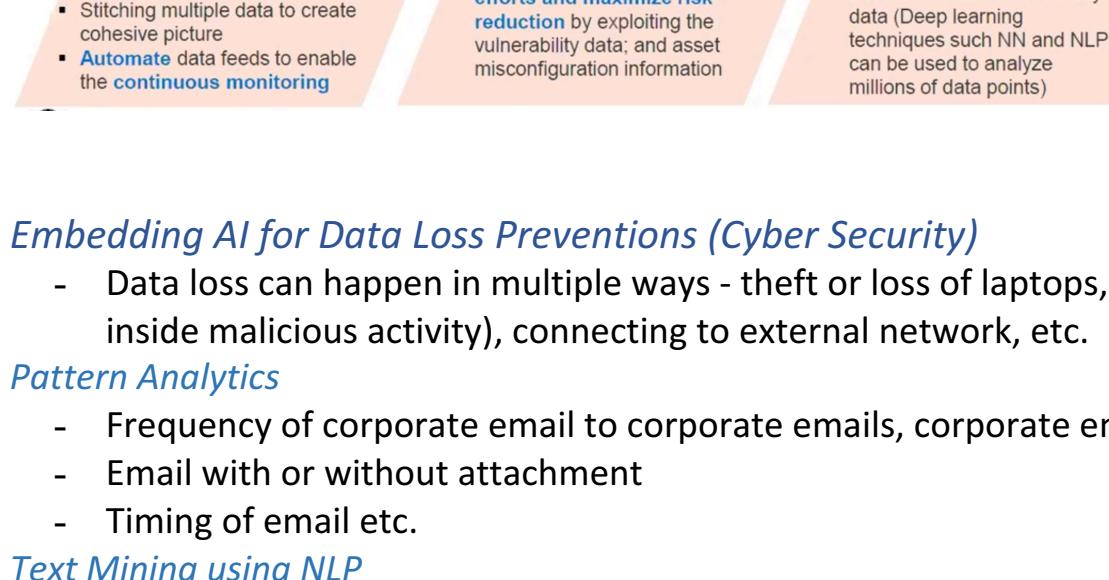


Use case examples from Technology area

Modernize Vulnerability Management

- Flow in a system related to software, applications, or servers that can leave it open to attack
- Weakness in a computer system itself, in a set of procedures, or in anything that leaves information security exposed to a threat

Vulnerability Management



Embedding AI for Data Loss Preventions (Cyber Security)

- Data loss can happen in multiple ways - theft or loss of laptops, via emails (unknowingly or inside malicious activity), connecting to external network, etc.

Pattern Analytics

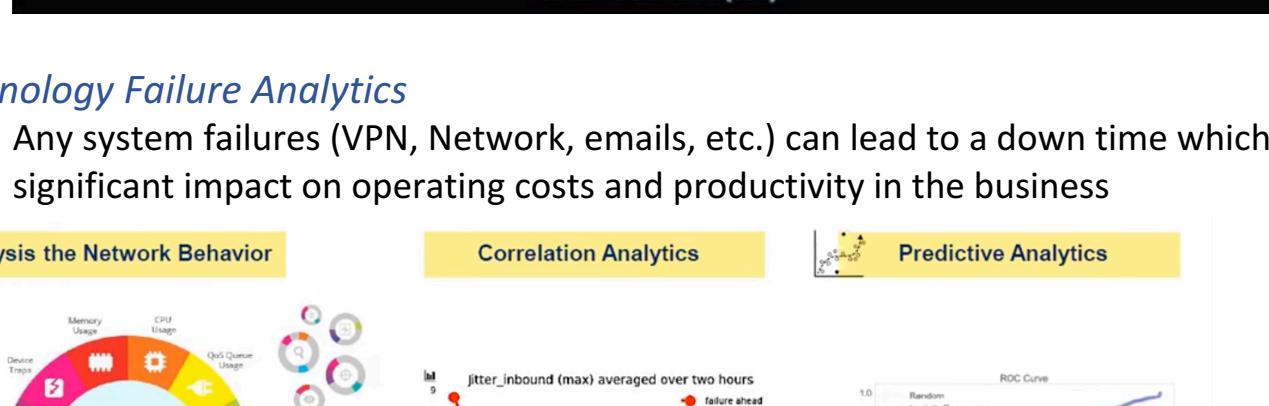
- Frequency of corporate email to corporate emails, corporate email to personal email etc.
- Email with or without attachment
- Timing of email etc.

Text Mining using NLP

- Content of emails (e.g. contains cc or other sensitive information)

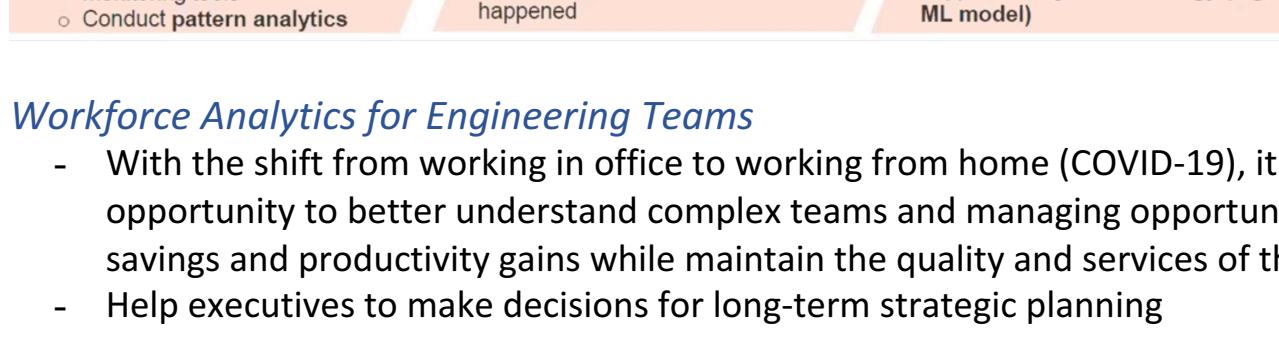
Reduction in False Positive Alerts using ML and Deep Learning

- Integrate DLP with user and entity behavior analytics to prioritize the avalanche of alerts
- Focus on the legitimate alerts



Technology Failure Analytics

- Any system failures (VPN, Network, emails, etc.) can lead to a down time which can have a significant impact on operating costs and productivity in the business



Workforce Analytics for Engineering Teams

- With the shift from working in office to working from home (COVID-19), it provided an opportunity to better understand complex teams and managing opportunities for cost-savings and productivity gains while maintaining the quality and services of the product
- Help executives to make decisions for long-term strategic planning

