

Transformation Lead

Application Koen Bothmer





Used as Examination Exercise for class dlmdsuceo1 Use Case Evaluation Student Matriculation number: 92014567

Content

- Short refresher on me
- The job
- The scenario
- Our future together
- Conclusion

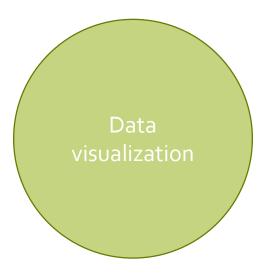
On me

- Our Similarities:
 - Data Driven
 - Innovative pioneer
 - Complex process engineering environment

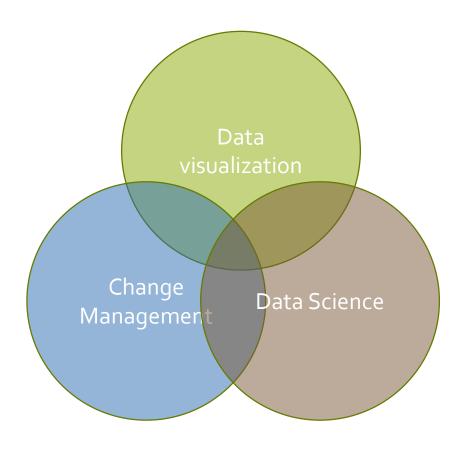


Figure 1. Koen Bothmer.

The Job



The Job



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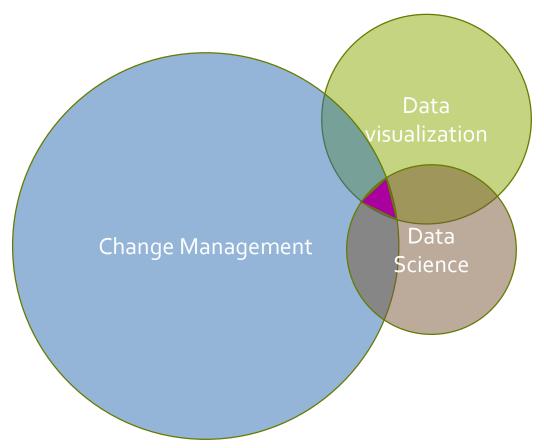


Figure 2. Developer Central Control Room Venn Diagram

Note: Loosely after the Data Science Venn Diagram (Conway, 2010)

Developer Control Room or Change Catalyst?

(Macpherson 2017)

- 88% of change initiatives fail
- 7/8 of these due to "The Leadership"
- Bridge between Leadership and Employees



Figure 3. Golden Gate Bridge. Adapted from "Bridge Over Calm Waters", by Urbanos, M., n.d. retrieved from https://unsplash.com/photos/vj_9l2ofzjo

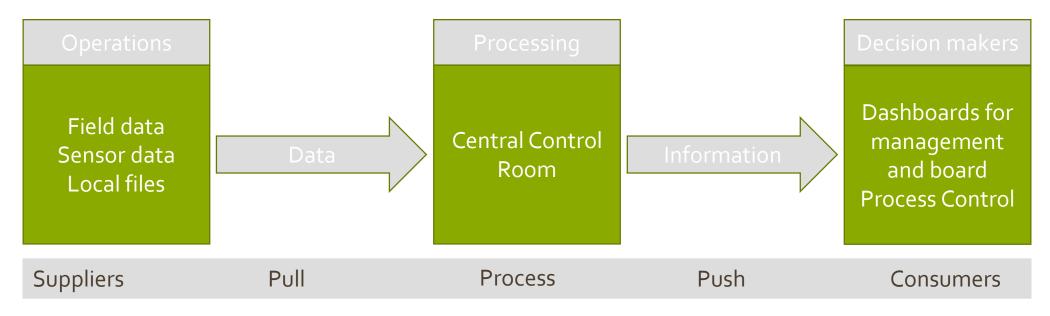


Figure 4. Supplier Consumer Model

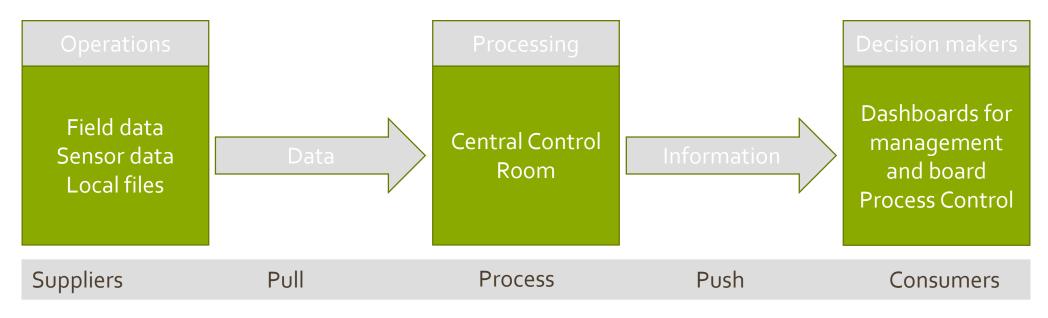


Figure 4. Supplier Consumer Model

• This is destined to fail as described in paragraph 'The Fallacy of Programmatic Change' (Beer et al, 1990)

Alternative model: Feedback Loop

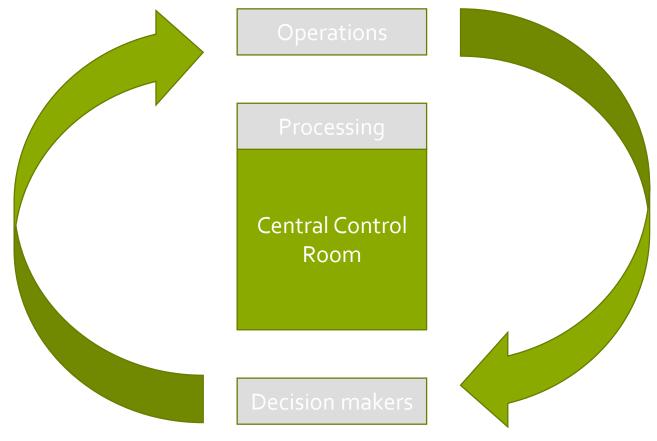


Figure 5. Central Control Room Feedback Loop.

Note: Inspired by Hub and Spoke Model for Data Management (Polarising, 2018)

Short term Priorities after Eight Step Change Model (Kotter, 1995)

- 1. Establish a sense of urgency
- 2. Forming a powerful guiding coalition
- 3. Creating a vision
- 4. Communicating the vision
- 5. Empower others to act on vision
- 6. Planning for and creating short-term wins
- 7. Consolidate improvements and producing still more change
- 8. Institutionalize new approaches

Table 1. Short Term Efforts

	Operational	Tactical	Strategical
Empower others			
Short-term wins			

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	Operational	Tactical	Strategical
Empower others	Automation of boring tasks Analytical tools Automated alerts	Visualize status of water system	Visualize progress
Short-term wins	Find one common frustration and solve it with data	Quick proof of concept of crucial part of process	Quickly deliver development plan and show results

Table 2. Scenario by Stereotypes

Participants	Stereotype (Atkisson, 2016)	Approach
Pressure from top management and executive board		
Employees of flood defenses department are not willing to cooperate		

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Participants	Stereotype (Atkisson, 2016)	Approach
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Employees of flood defenses department are not willing to cooperate	Laggards, Reactionaries or Curmudgeons?	Connect Lead by example Give feedback
Find those most willing to cooperate in the team	Change agents, Transformers	Form coalition Enable them to help others

The Journey

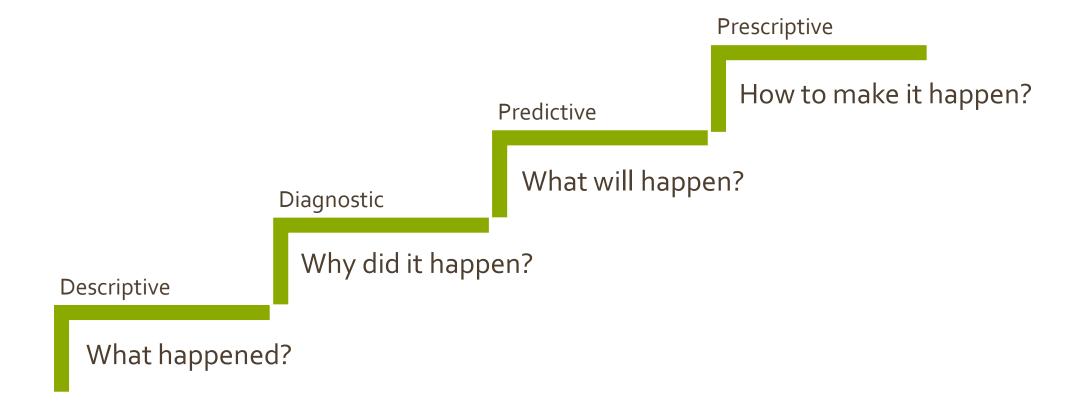
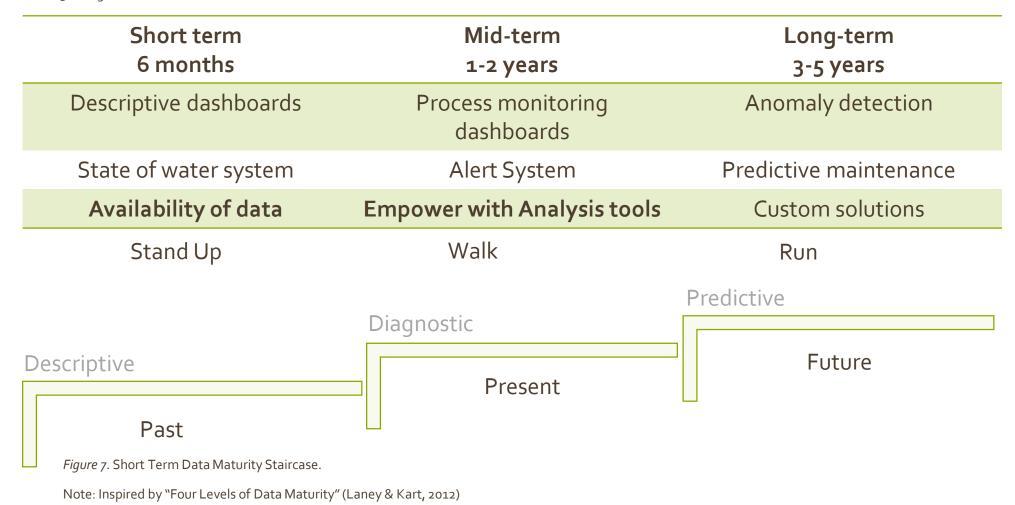


Figure 6. Data Maturity Staircase.

Note: Inspired by "Four Levels of Data Maturity" (Laney & Kart, 2012)

The Journey

Table 3. Rough Outline of Transformation



Kgen Bothmer | Fictional Application Transformation Lead

Summary

- We have a lot in common
- I can be your Change Catalyst
- We start at the basics
- To empower our people
- And establish lasting Change

• Do these believes match with yours?



Figure 1. Koen Bothmer.

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