

# From Insights to Action

A brief journey from rows and columns to a culture of data-informed  
decision making at MC3



Montgomery College Data Summit, Fall 2017



# Overview

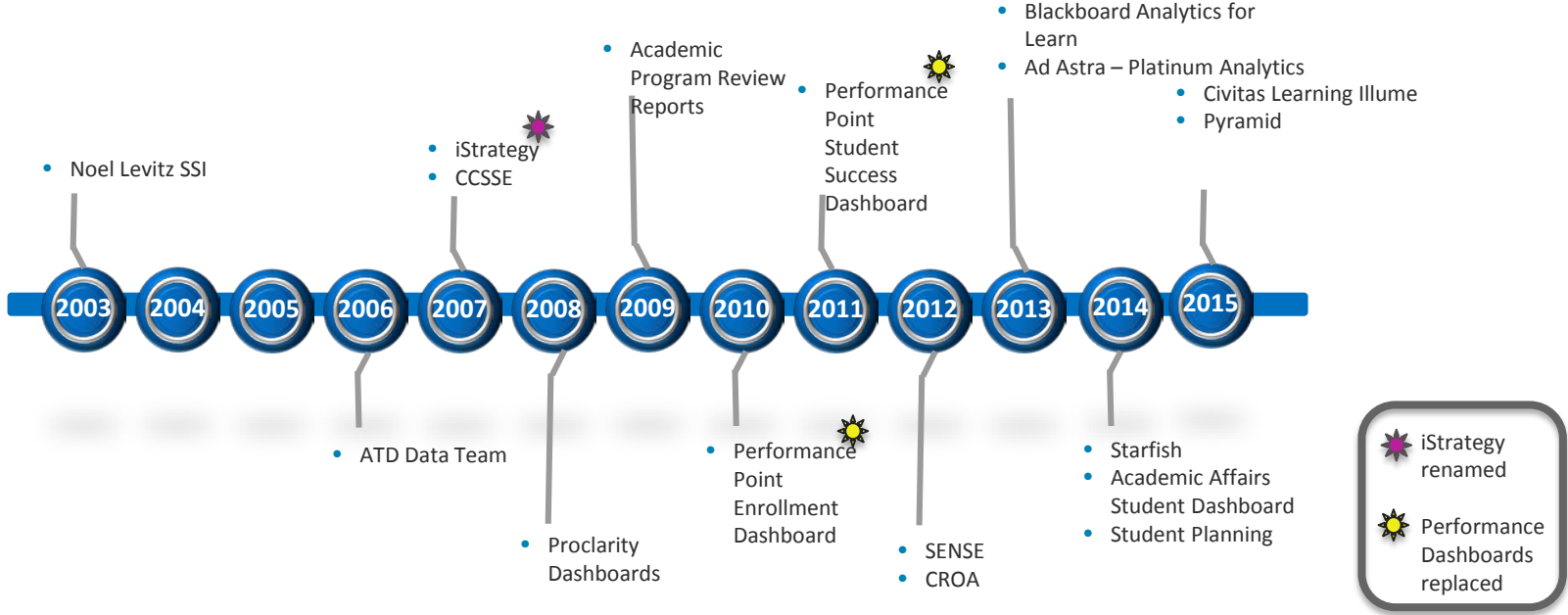
- MC3 Background
- Thinking about data
- Data Infrastructure
- Visualizing data
- Sharing data
- Using data
- Evaluating actions
- A culture of data



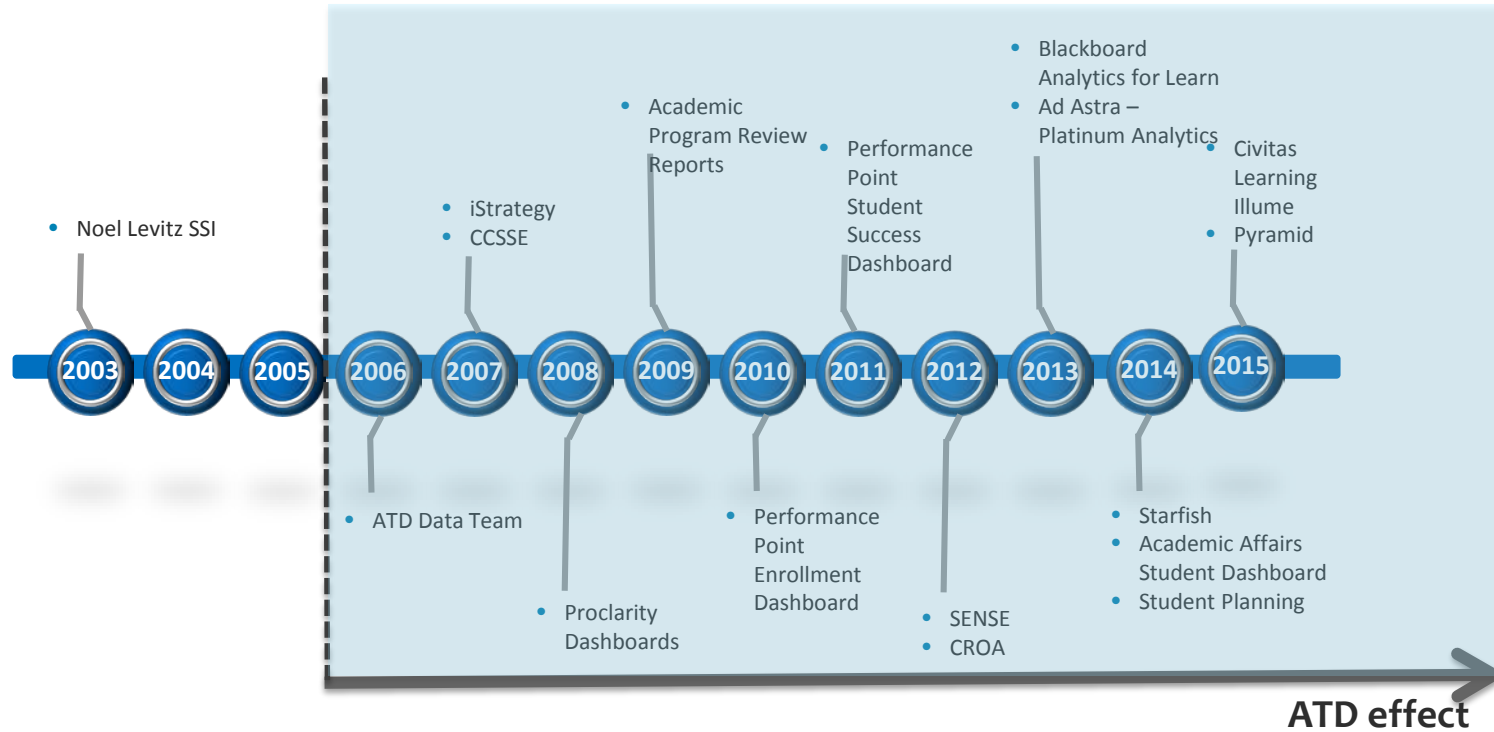
## About MC3

- Main campus is located 20 miles NE of Philadelphia in suburban Blue Bell, PA
  - Virtual and West Campus
- Offer more than 100 2-year degree and certificate programs
- ~18,000 students
- 70% part-time
- ~50% transfer rate (six-year rate)

# MC3 Timeline



# MC3 Timeline (ATD Effect)





# Thinking about data

- Why do we do what we do?

 IPEDS

KPIs

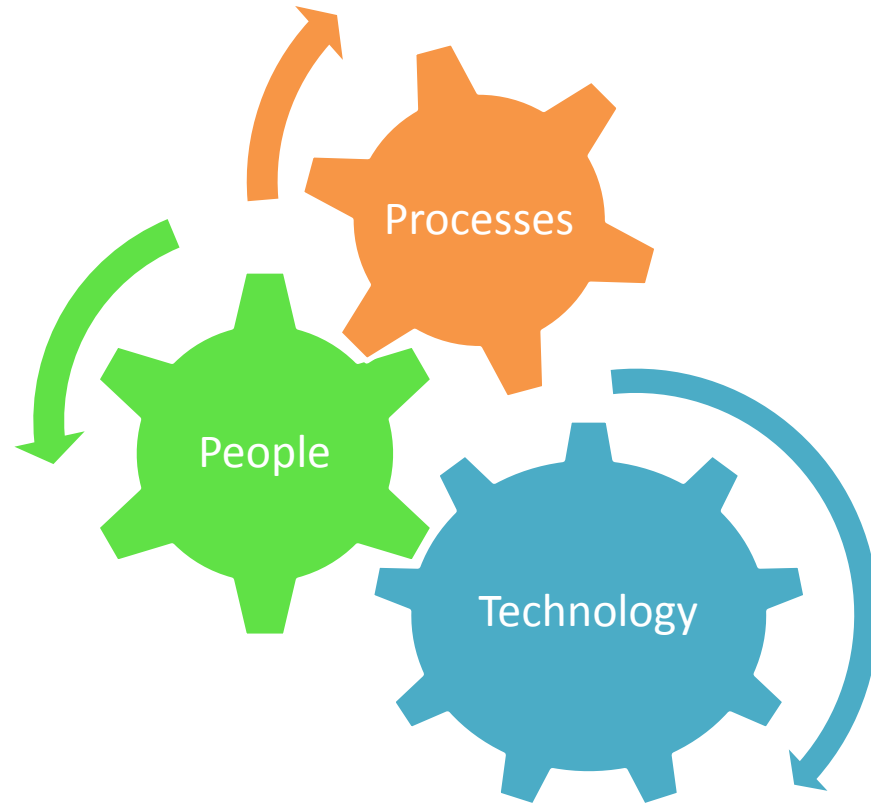


Ad-Hoc Analysis



# Data Infrastructure

- Reporting/Analysis Tools
- Personnel
- Processes
- Organizational Structure



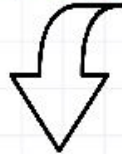


# Visualizing Data

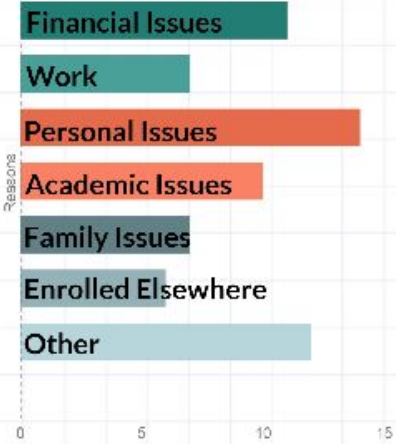
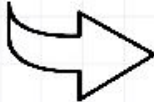
56	456	56	45	57	100%
4	4	4	4	45	100%
56	45	64	6	45	100%

VS.

**252** students withdrew from all of their courses during the first 3 weeks of the fall 2016 semester.



**PERSONAL ISSUES** were the #1 reason cited for withdrawal





# Sharing Data

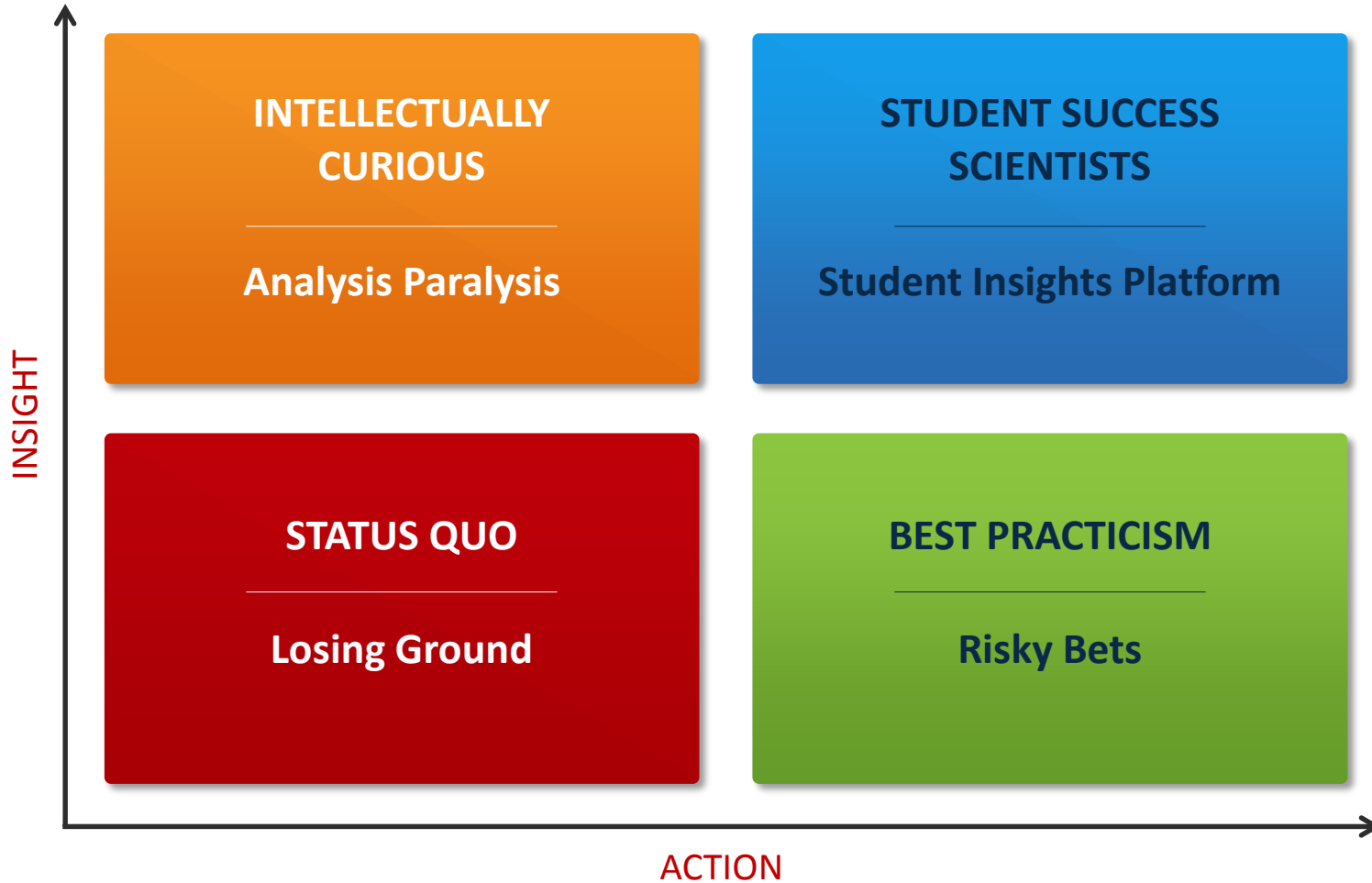


VS.

## THREE RECOMMENDATIONS

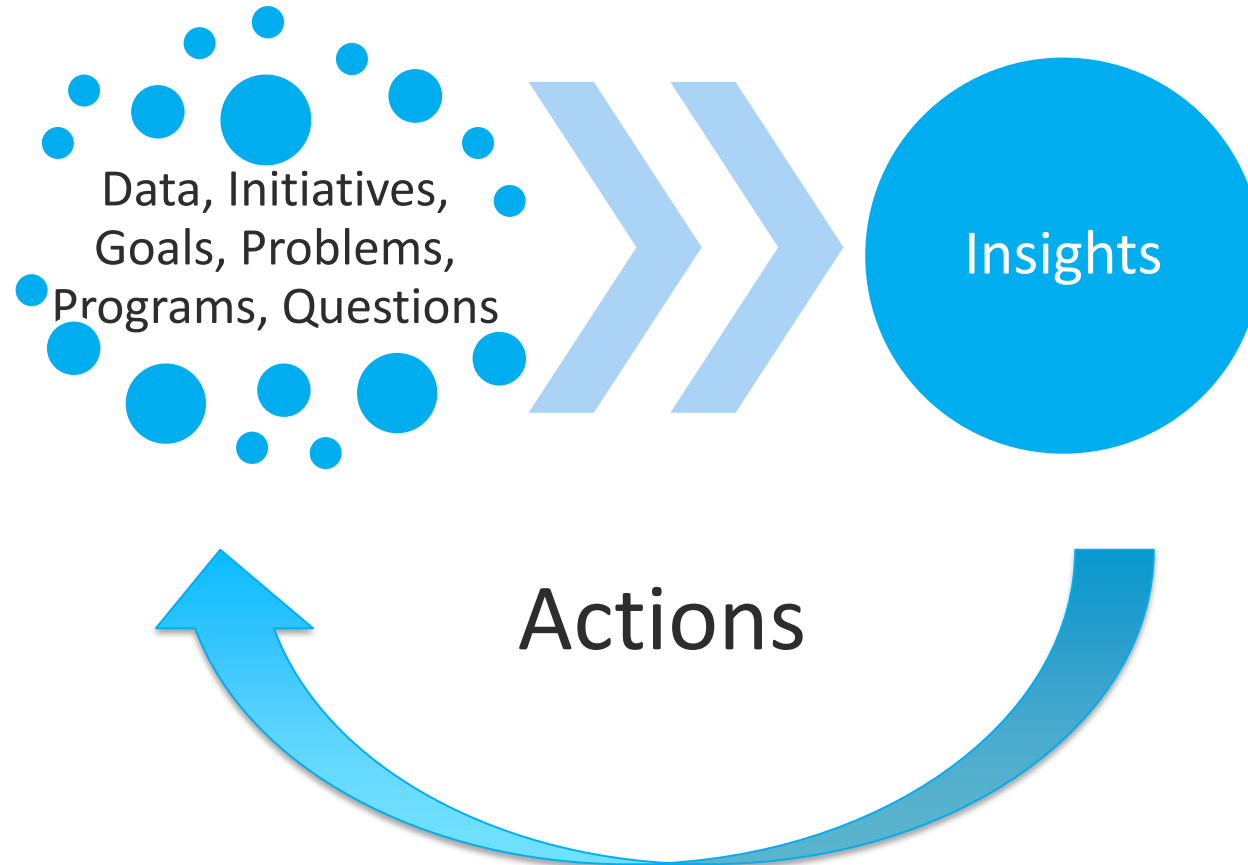
1. It is recommended that the number of Supplemental Instruction sections offered be expanded in the 2017-2018 AY.
2. It is recommended that, as faculty awareness of Supplemental Instruction may be low, the head of Supplemental Instruction present at regular intervals to faculty.
3. It is recommended that, as students are not currently able to identify SI sections prior to registering for courses, a system be implemented whereby SI sections are noted in the course schedule.

# Using Data: Data Impact Matrix





# Evaluating Actions



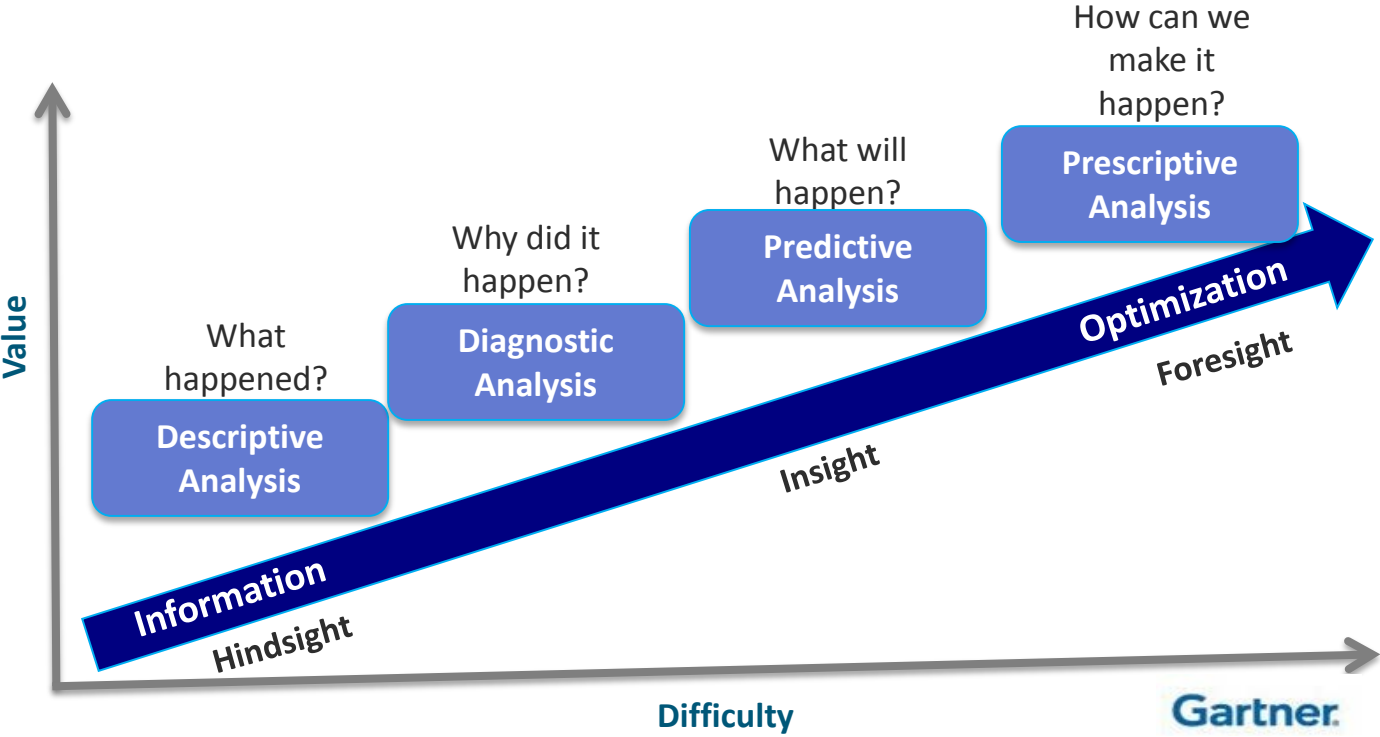


# A Culture of Data

A work in progress...



# Concluding Thoughts





## Concluding Thoughts

- Patience and persistence
- Align on goals
- People, Processes, Technology
- Transparency and Translation
- Test, Try, Learn
- Close the loop