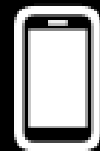


Tell us:

1 data point about  
someone else's  
school

1 data point about  
your school



Scan me



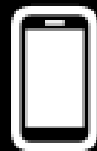
# Data Rich but Results Poor

*2018 Education & Business Summit  
June 25 – 28, 2018*

Tell us:

1 data point about  
someone else's  
school

1 data point about  
your school



Scan me

**“The problem with data is that it says a lot, but it also says nothing. ‘Big data’ is terrific, but it’s usually thin. To understand why something is happening, we have to engage in both forensics and guess work.”-**

**Sendhil Mullainathan,  
Professor of economics, Harvard**



# Could data have helped?





How  
could  
data  
help  
?

# WHY??

Corporations/Industry

1. Fiscal Fitness
2. Sound Leadership
3. Growth Potential

❖ *IS IT A GOOD INVESTMENT OPPORTUNITY?*

# WHY is data important in education??

- Tell us "WHY" at:

<https://answergarden.ch/719274>







# WHY??

## Education

1. Accountability
2. Comparative
3. Measure gains/growth
4. Reflection
5. Knowledge/Understanding

❖ *IS IT A GOOD LEARNING ENVIRONMENT?*



# WHY??

## School-Wide

1. Accountability
2. Comparative
3. Measure gains/growth
4. Reflection
5. Knowledge/Understanding

❖ *IS IT A GOOD LEARNING ENVIRONMENT?*

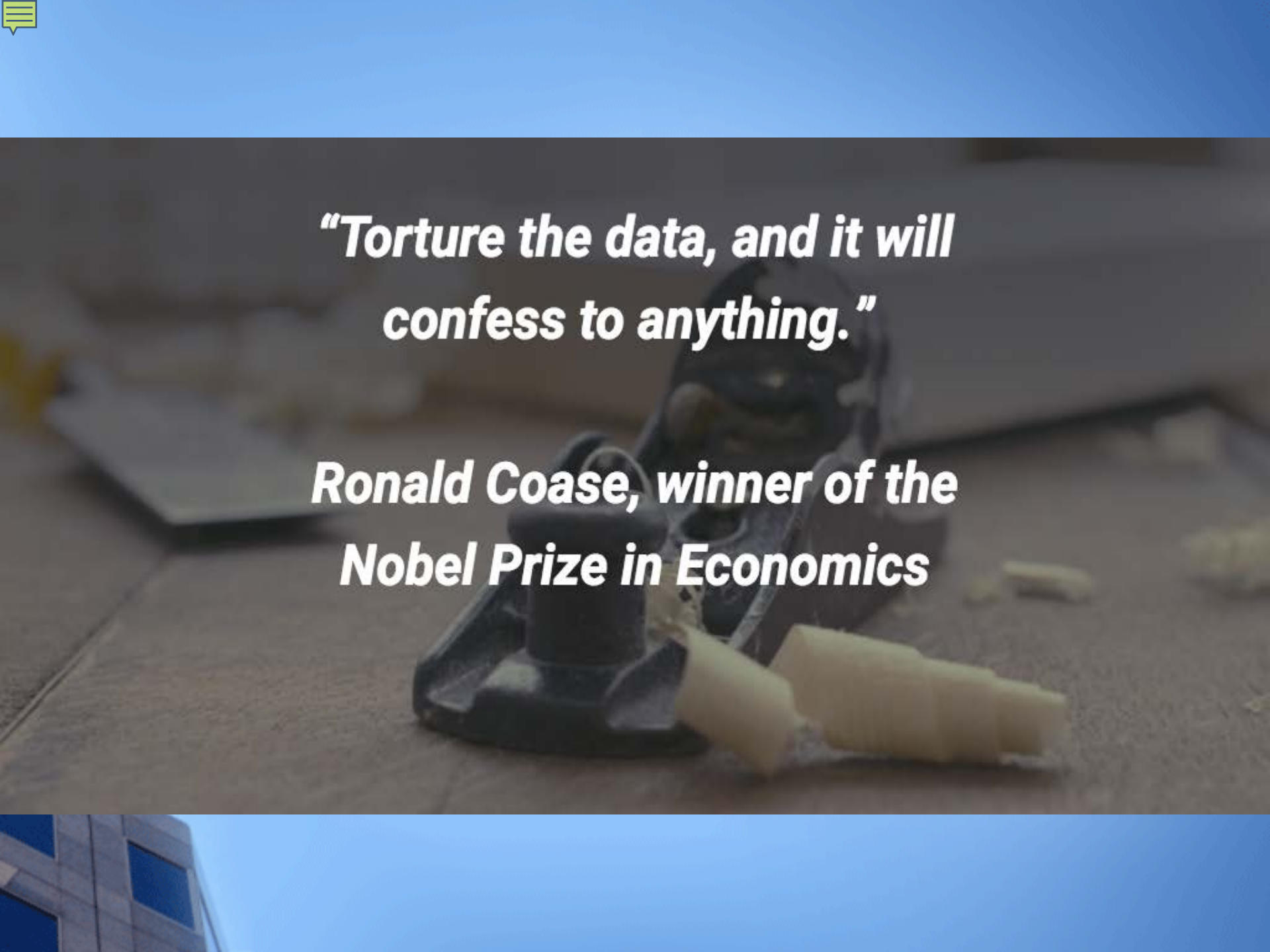


# WHY??

## Classroom Setting

1. Accountability
2. Comparative
3. Measure gains/growth
4. Reflection
5. Knowledge/Understanding

❖ *IS IT A GOOD LEARNING ENVIRONMENT?*



***“Torture the data, and it will  
confess to anything.”***

***Ronald Coase, winner of the  
Nobel Prize in Economics***



# DATA Danger

you → \$ 30,000

all your coworkers { \$ 30,000  
\$ 30,000  
\$ 30,000  
\$ 30,000  
\$ 30,000  
\$ 30,000

CEO's son → \$ 430,000

Average: \$80,000.



# DATA Danger

| <b><i>YEAR</i></b> | <b><i>ABSOLUTE RATING</i></b> | <b><i>GROWTH RATING</i></b> |
|--------------------|-------------------------------|-----------------------------|
| <b>2014</b>        | <b>Below Average</b>          | <b>Average</b>              |
| 2013               | Below Average                 | Average                     |
| 2012               | Below Average                 | Average                     |
| 2011               | At-Risk                       | Average                     |
| 2010               | Below Average                 | Good                        |

## DEFINITIONS OF SCHOOL RATING TERMS

- Excellent - School performance substantially exceeds the standards for progress toward the 2020 SC Performance Vision
- Good - School performance exceeds the standards for progress toward the 2020 SC Performance Vision
- Average - School performance meets the standards for progress toward the 2020 SC Performance Vision
- Below Average - School is in jeopardy of not meeting the standards for progress toward the 2020 SC Performance Vision
- At-Risk - School performance

## Performance By Student Groups

|                     | Technical Skill Attainment |       |                      | Graduation Rate |       |                      | Placement Rate |       |                      |
|---------------------|----------------------------|-------|----------------------|-----------------|-------|----------------------|----------------|-------|----------------------|
|                     | This Center                |       | State Center Average | This Center     |       | State Center Average | This Center    |       | State Center Average |
|                     | n                          | %     | %                    | n               | %     | %                    | n              | %     | %                    |
| <b>All Students</b> | 376                        | 88.6% | 90.3%                | 104             | 87.5% | 93.0%                | 98             | 98.0% | 96.9%                |



# DATA Danger


## ***Potential Classroom Dangers?***

- *Unfair pacing*
- *Failure to Differentiate*
- *Poor Management*
- *Rigor –  
Overly/Insufficient*

## ***How can they be avoided?***

- *Demographics*
- *Differentiated  
Instruction*
- *Monitor Student  
Progress*
- *Data Notebook*





***“Most of the world will make decisions by either guessing or using their gut. They will be either lucky or wrong.”***

***Suhail Doshi, CEO, Mixpanel***



# Next Steps

- A. Answer the “Why” of your data
- B. Review your data with non-educator
- C. Share and discuss
- D. Tailor your data output



NEWS  
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