

# Big Data is Not About the Data! The Power of Modern Analytics

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Published: Wednesday, 16 Mar 2011 | 9:20 AM ET Text Size  
CAMBRIDGE, Mass., Mar 16, 2011 (BUSINESS WIRE) -- Fast Company named

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2. Worldwide cause-of-death estimates for



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Humans are Horrible at Thinking of Keywords

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- ↪ Humans recognize keywords well, recall them poorly
- **Thresher:** New technology to discover the right keywords



## Thresher: Finding Those Hiding in Plain Sight

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Example Substitution 1:

自由



# Thresher: Finding Those Hiding in Plain Sight

Example Substitution 1:

自由            “Freedom”

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自由

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**CENSORED**

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自由  
目田

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自由  
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  - (Lots of technology, but it's behind the scenes)

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- How common is it? **27% of all Senatorial press releases!**

# Modern Analytics to Improve Student Learning



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  - Want to try it here? see [Perusall.com](https://Perusall.com)

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- *Distracts*; redirects public attention from criticism and central issues to *cheerleading* and positive discussions of valence issues

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  - Innovative analytics  $\rightsquigarrow$  immensely better than off-the-shelf
- **Save it for last first!**
  - The goal is “inference” :  
using facts you know to learn about facts you don't know
  - The uncertainties in inference: not having the facts you need  
(most statistics are designed solely to overcome data problems)
  - Building analytics during design:
    - avoids problems before they occur
    - saves a fortune,
    - opens many more possibilities
- **Build a new discipline of data science**

For more information

[GaryKing.org](http://GaryKing.org)

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