Learning from Big Data

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key points:

* The idea of "learning from data" has fundamentally changed since there are new things rendered into data format and far more data than ever.

* New techniques that only work with lots of data, let us uncover new insights and unleash new forms of economic value. So "learning from data" is being applied to more areas and by more people.

* Government can play a role by promoting information flows and open data. It must respond to unique regulatory concerns -- but not apply old rules to new circumstances.
**moral:**
- raw material of production
- new form of economic value
  - **why?**
  - the technology is possible...
  - the data exists...
- **but: a shift in mindset!**
traits

big
fast
smart
predictive
recursive
recombinatory
ubiquitous
economic implications

opportunities

- healthcare
- education
- finance
worries
Not just privacy, but also propensity; whither free will?

rules
the printing press begot free speech laws . . . what will big data beget?