















"Nanodata"

- Clickstream/Page views/Web transactions
- Mobile phone/GPS/Location data
- Email messages
- RFID
- Web links/Blog references/SSRN/Facebook
- ERP/CRM/SCM transactions
- Real-time machinery diagnostics/engines/equipment
- Google/Bing/Yahoo Searches
- Bar code scanner data
- Stock market transactions
- Twitter feeds
- Wikipedia updates

Etc....
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The Information Gold Mine

Digital Information is
 Doubling Every 1.2 years

> The size of the largest data warehouses is tripling every two years

Exceeds processor growth predicted by Moore's law



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Data vs. HiPPOs



Truck Routing



Wine Chemistry



Housing Sales

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IT Reduces the Costs of Measurement, Experimentation, Sharing and Replication









To learn more about my research, please visit my website: http://digital.mit.edu/erik



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