design, transparency & big data in civil litigation
a daegis case study

@deanmalmgren
@mstringer
@DsAtweet

2013 february
strata
super. so what does this look like in practice?
daegis case study
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daegis case study

social network analysis
introduction via Brian Uzzi
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reduce spiraling costs of e-discovery
find needle in haystack without poking yourself
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<table>
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<tr>
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turn over to plaintiff

don’t turn over to plaintiff
our approach

prototype human interfaces

design analytics

refine to meet business goals
math designed for big data
proof of concept
math designed for big data
proof of concept
nice, but no one will use this design for lawyers, salespeople, and marketers
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The Daegis Technology Assisted Review process is an innovative approach to document review that combines process and technology to lower the cost and increase the speed of your document review.

Our predictive engine analyzes the text in each document for themes and concepts, learns what responsive documents are like using the results of manually reviewed documents, and uses this information to code the document set. The accuracy and consistency of technology assisted decisions improves on linear review and enables more consistent calls.

**Set a goal:**

- **Recall %**
- **Precision %**
- **F1 accuracy**

**Progress:**

- **Recall**: 82% +/- 5%
- **Precision**: 73% +/- 3%
- **F1 accuracy**: 68% +/- 3%

**TAR calls**

**Correct calls**

- **Responsive**
- **Not responsive**

**Fr1 accuracy**

- **Responsive**
- **Not responsive**

*The last 1% increase in accuracy cost*

$17,868
integrating

design for big data

demo
leading with interface > leading with analytics

prototype human interfaces

design analytics

refine to meet business goals