A Problem in Representation

Ranking University Research Programs

Problem and Task

- Problem / Task: reveal where UCI ranks among the top 50 schools in specific research programs
  - E.g. SE, CSCW, HCI
- Users / Consumers: administrators and the general public

What data to use?

- Microsoft Scholar (http://academic.research.microsoft.com/)
- Google Scholar (http://scholar.google.com/)
- Publish or perish (http://www.harzing.com/pop.htm)
- CACM, NRC, US News ...

The Data
<table>
<thead>
<tr>
<th>SE</th>
<th>SE Close-up</th>
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<table>
<thead>
<tr>
<th>HCI</th>
<th>HCI Close-up</th>
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CSCW

What to do about the data?

CSCW Close-up

SE
CSCW iSchools

Crisis Point

Table

Version 2.0 (or greater)
Challenge Assignment

- Select a visualization software. We suggest ManyEyes
- Download the 3 ranking data sets: SE, HCI, CSCW
- Develop two visualizations, apply them to each of the three data sets.
  - Identify which is best (overall) and which is an alternate. Explain why.
  - Avoid the simple line drawing and scatter plot diagrams shown today or embellish them significantly.
  - Turn one visualization in midway to get feedback on your progress.