

Information Visualization for Exploratory Search

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p Interactive visual display of abstract information to help users:

- n Find patterns, outliers and trends
- n Explore data to build intuition
- n Develop specific questions to be asked of more traditional mechanisms

p Visuals help us think

- n Provide a frame of reference, a temporary storage area
- n Effectively increase short term memory



Excellent Pattern Recognition

p How many 3's?

12817**3**687561**3**897654698450698560498286762
980985845**3**822450985645894509845098096585
90910**3**0209905959595772564675050678904567
8845789809821677654872664908560912949686



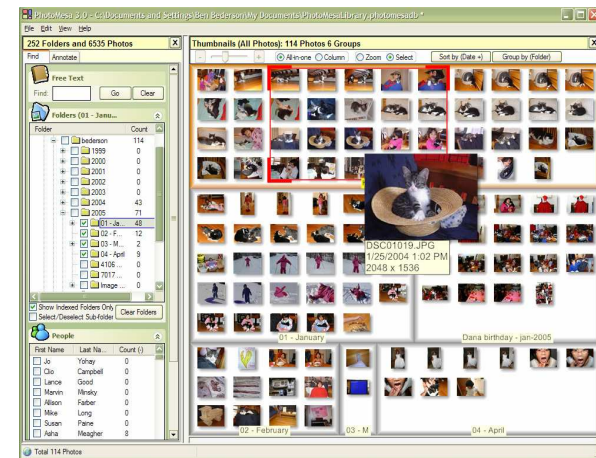
PhotoMesa

– Zoomable Image Browser

- ⌘ Browse large numbers of images
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- ⌘ Fast preview / detail

Annotate & Search
Cluster results
Query preview tells you
where the data is

Commercialized at
www.photomesa.com



Demo

[Suh, Ling, Bederson & Jacobs - UIST 2003]
[Bederson - UIST 2001]
[Combs & Bederson - DL 1999]

