



Analysis of Powerset, Hakia and True Knowledge technologies

A critique of the latest semantic search technologies

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Powerset

Powerset

Strong Points

- Attempts to understand search phrase as a whole
- Good at aggregating results
- Users can add feedback about results

Powerset

Powerset

Strong Points (Cont'd)

- Indexes at sentence level
- Search results segmented by concept
- Overall superior UI than Google

Powerset

Weak Points

- Limited Indexing Space
- Backend infrastructure immature
- Huge indexing costs
- Is NLP-based search really useful?



Strong points

- List of credible results
- Filters irrelevant sites from search results
- Build your own semantic search with Hakia APIs
- Meet Others feature
- Innovative UI



Weak Points

- Easy for a spammer to influence credible site list
- How credible are the librarians?
- Credible sites available only for health, medical, and environmental topics



[true knowledge]™

The Internet Answer Engine™

Strong Points

- Encourages the user to use full questions
- Question answered even if the key query terms are not included in indexed data
- Users can add to repository of knowledge
- Represent knowledge in a form clear and accessible to humans and computers



[true knowledge]™

The Internet Answer Engine™

Weak Points

- Only converts natural language queries into database-understandable queries
- Ability to answer queries could be limited by the comprehensiveness of the database.
- Does not use statistics-based technology to answer queries



Thank You

Questions?