

Discuss how a search engine works

- It can be a wrap up of what you learned from this lecture
- Also, please try to discuss beyond what you learned from this lecture

Answer:

A search engine operates by systematically indexing the vast information available on the web and providing relevant results to users based on their queries. It has several core components:

1, user interface

2, web crawler

3, parser

4, database

5, ranking engine

Additional:

modern search engines incorporate machine learning to personalize results, adapting to user behavior and preferences.