



Search engine

By Er. Shairy Kalra

What is Search Engine?

A search engine is an online tool that helps people find information on the internet.

A typical example? Google.

How search engines work?

How Search Engine work?

The process in which search engines work consists of these main steps:

- Crawling
- Indexing
- Picking the results

and finally, showing the search results to the user.

CRAWLING

- Crawling is the process in which search engines scan all the internet webpages continuously.
- They use small pieces of programs (called crawlers or bots) to follow all the hyperlinks and discover new pages

INDEXING

Once the website is crawled, the information is indexed. The search engines try to analyze and understand the pages, categorize them, and store them in the index.

Picking the results

Once the internet user submits a search query, **the search engine digs into the index and pulls out the best results.**

The list of the results is known as a **SERP** (Search Engines Results Page).



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