



New chat



"the fields in the document are automatically analyzed" what this is mean in elasticserach?



In Elasticsearch, when a document is indexed, it goes through a process called "analysis." During analysis, the fields in the document are processed in order to make them more searchable. This includes tasks such as tokenization (breaking the text into individual words or tokens), lowercasing, and removing stop words (common words that are unlikely to be useful for searching). The result of the analysis process is an inverted index, which is a data structure that allows for fast full-text searches.

By default, Elasticsearch automatically analyzes all fields in a document when it is indexed. This means that it will perform the analysis process on all fields, even if you don't specify any custom settings. However, you can also configure your own custom analysis settings for specific fields if you need to. This can be useful, for example, if you want to use a different tokenizer or analyzer for a particular field.

When search in Elasticsearch it will use the same analysis process on the query term to match the indexed data, so for example if you want to search for a word that contains capital letters , it will convert them to lowercase before searching .

Overall, automatic field analysis in Elasticsearch makes it easy to get started with full-text searching and allows you to search for text in your documents quickly and efficiently.

