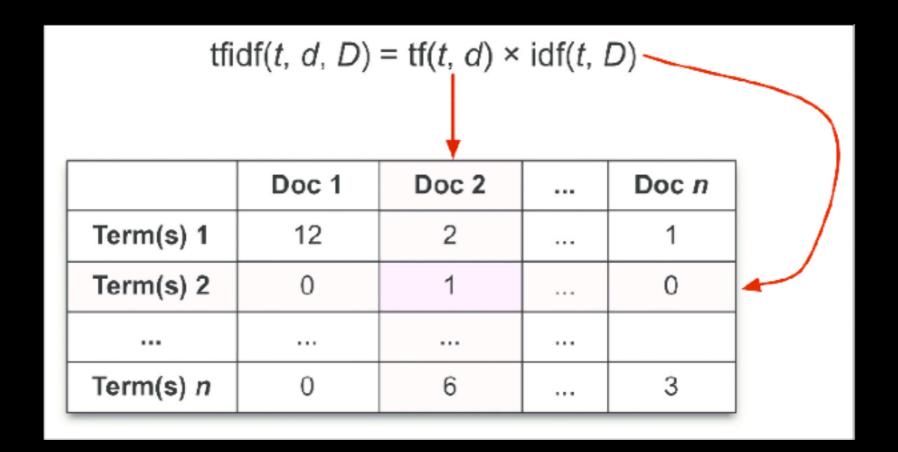


- The intuition behind it is that if an n-gram occurs multiple times in a document, we should boost the overall relevance of the n-gram.
- In other words, it should be more **meaningful** than other words that appear fewer times. This is what the **TF** measures.



- However, if an n-gram occurs many times in not just one document but many others in the corpus, it could be that this ngram is merely a frequent term and not necessarily meaningful. This is what the IDF balances for.
- In other words, with the most frequent n-grams (TF) we get a first approximation, but the IDF should help us to refine and get better results.

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