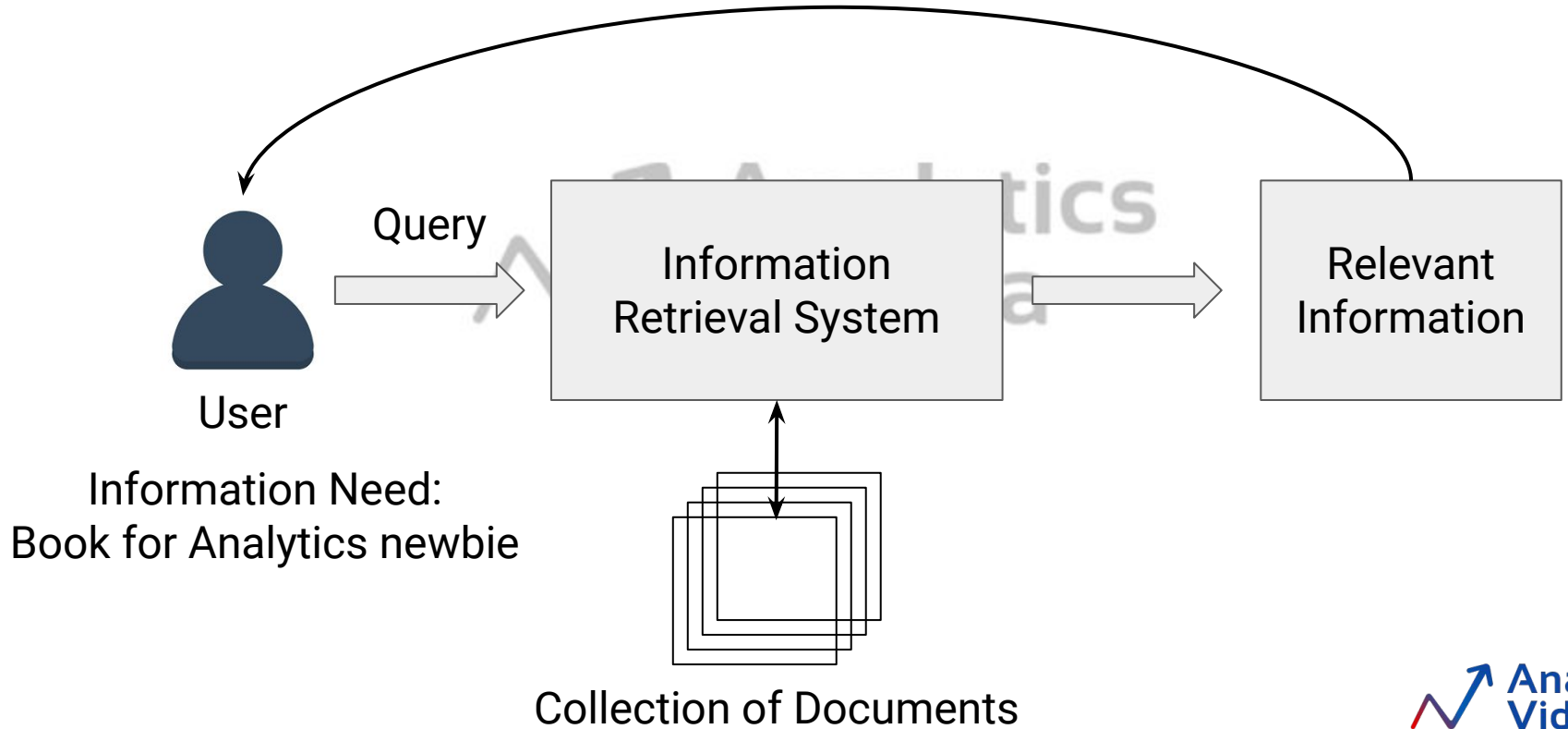


Introduction to Ranked Retrieval

Recap: Information Retrieval



Ranked Retrieval

- Return an ordering over top documents

Retrieved Document	Rank
Doc 5	1
Doc 1	2
Doc 3	3
Doc 2	4
Doc 4	5

Ranked Retrieval

- Return an ordering over top documents
- Free text queries



Information Retrieval
Book AND Analytics

Ranked Retrieval
Book on analytics

Ranked Retrieval

- Return an ordering over top documents
- Free text queries
- How to order the documents with respect to the query?

Ranked Retrieval

- Return an ordering over top documents
- Free text queries
- How to order the documents with respect to the query?
 - Assign a score to each document

Different ways of scoring for Ranked Retrieval



Different ways of scoring for Ranked Retrieval

1. Jaccard Coefficient



Different ways of scoring for Ranked Retrieval

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2. Term-Frequency (tf) weighting



Different ways of scoring for Ranked Retrieval

1. Jaccard Coefficient
2. Term-Frequency (tf) weighting
3. Inverse Document Frequency (idf) weighting

Different ways of scoring for Ranked Retrieval

1. Jaccard Coefficient
2. Term-Frequency (tf) weighting
3. Inverse Document Frequency (idf) weighting
4. tf-idf weighting



Thank You