

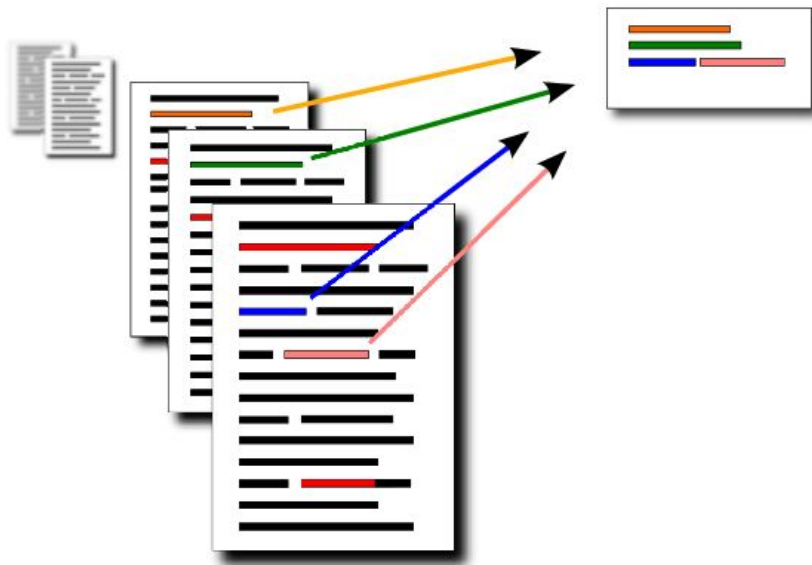


Inverse Hierarchical Multi-Document Summarization

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Background and Dataset



Methods and Results

- Utilizing extractive and abstractive to summarize multiple documents together

(a) Extractive Summarization

Source Text: Peter and Elizabeth took a taxi to attend the night party in the city.

While in the party, Elizabeth collapsed and was rushed to the hospital.

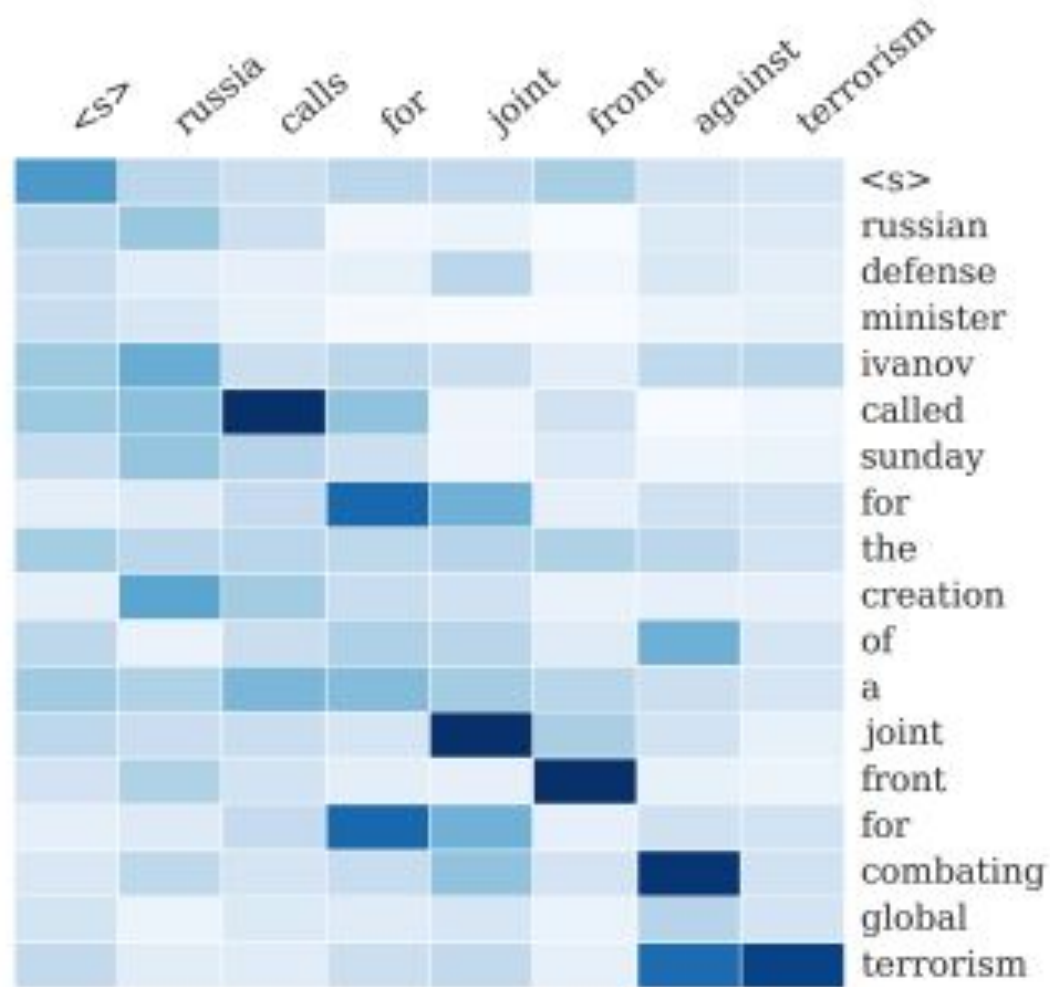
Summary: Peter and Elizabeth attend party city. Elizabeth rushed hospital.

(b) Abstractive Summarization

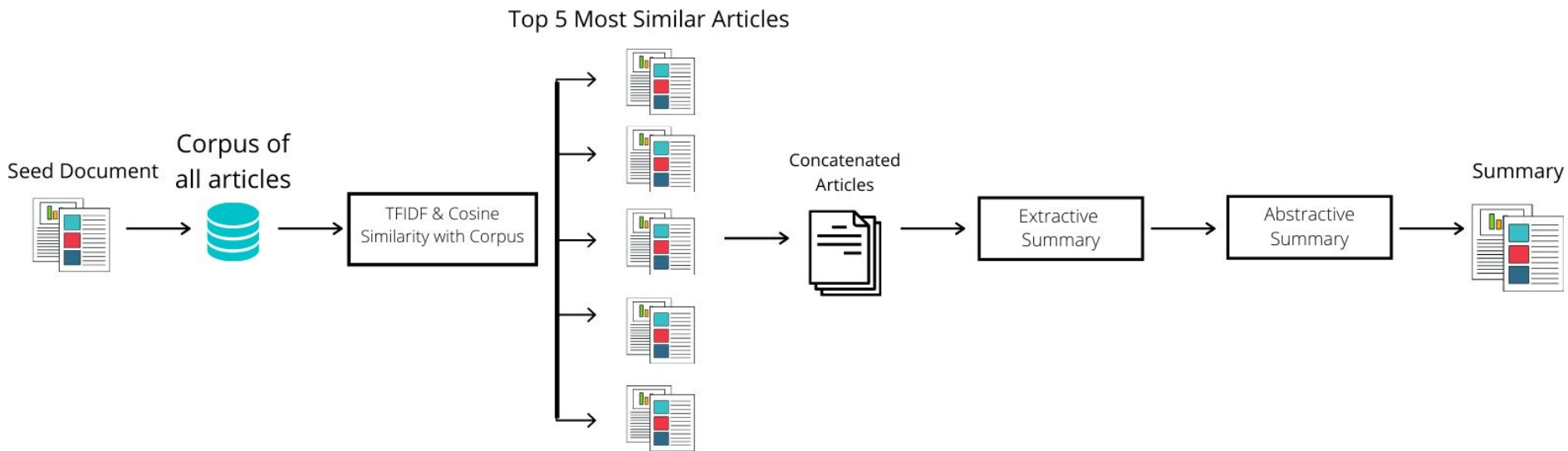
Source Text: Peter and Elizabeth took a taxi to attend the night party in the city.

While in the party, Elizabeth collapsed and was rushed to the hospital.

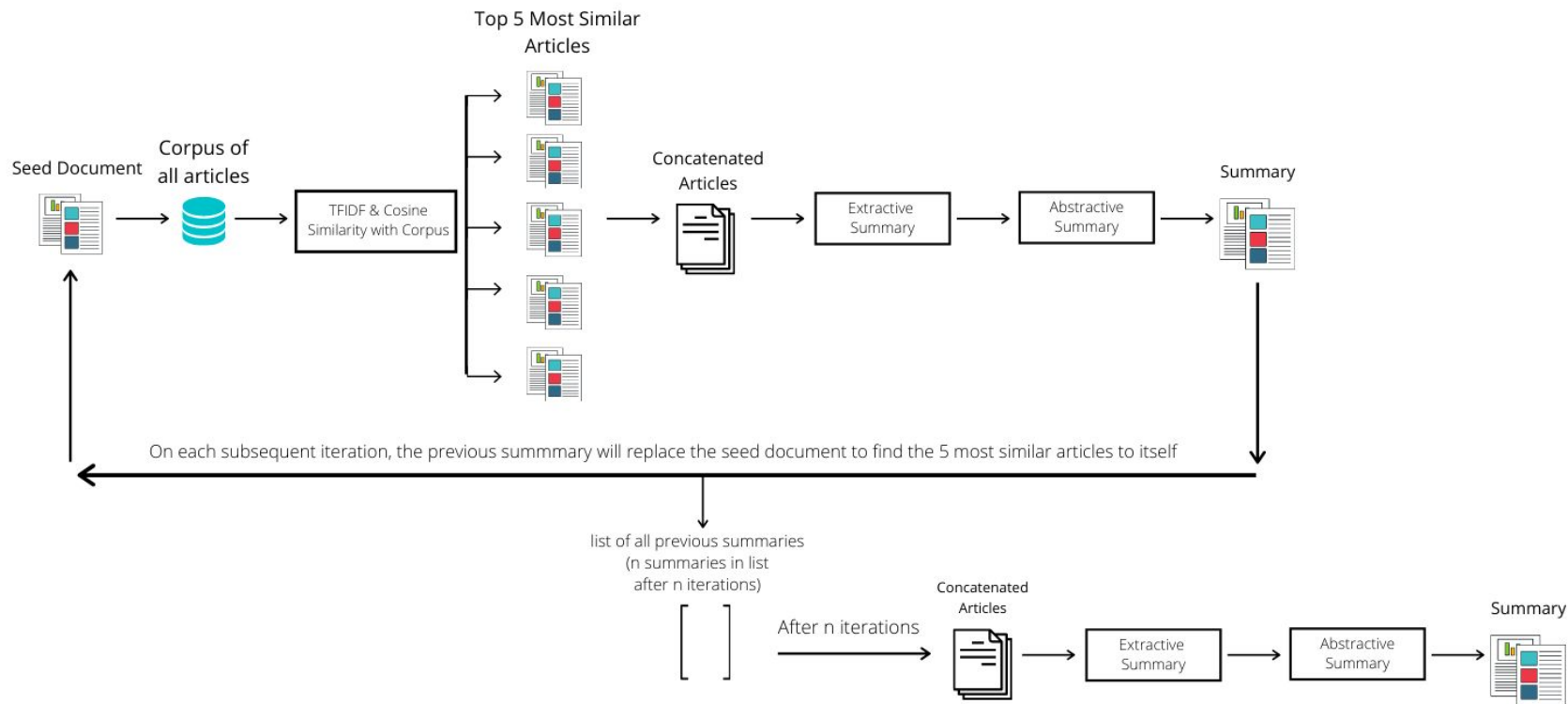
Summary: Elizabeth was hospitalized after attending a party with Peter.



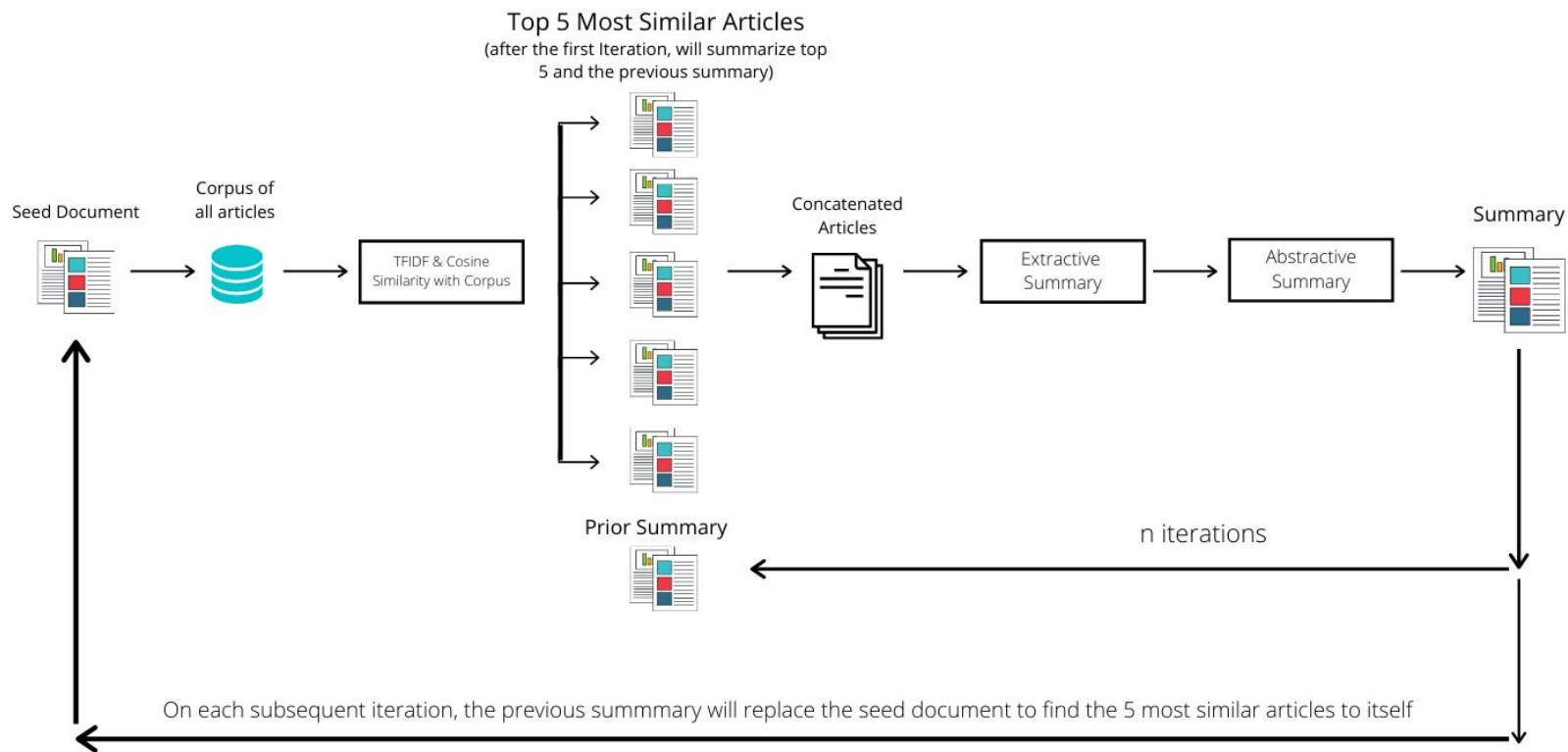
Baseline Pipeline Architecture



Iterative Stacked Pipeline Architecture



Iterative Recurrent Pipeline Architecture



Notebook Walkthrough



Thank You!

Questions?

