

Read Smarter, Learn Faster

A NLP Project

Presented by Group C

Guillermo Chacon, Diego Cuartas, Esteban Delgado, Aayush Kerjiwal, Mohamed Khanafer, Mariana Naváez, and Valentina Premoli

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Problem = Opportunity

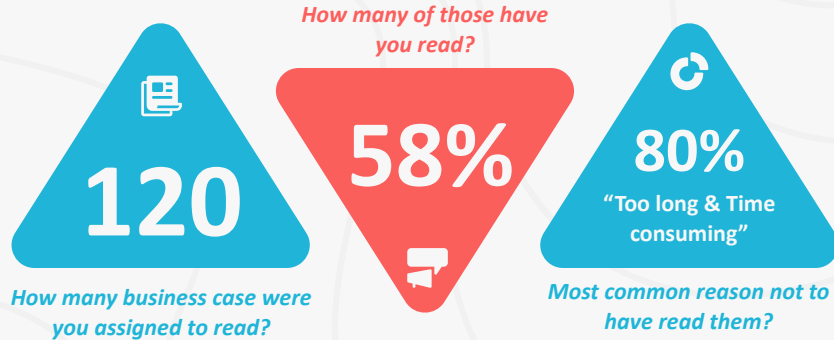
Introduction



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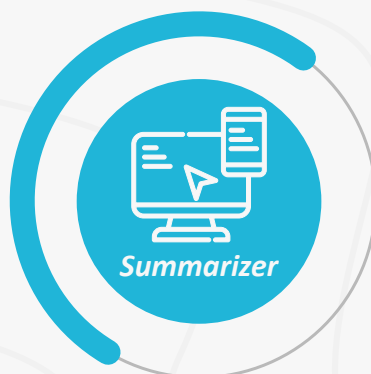
Use Case - Validation

We surveyed 20 former MBA students



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Application Idea



IE MBA Summarizer
Assistant

*Helping you work
smarter, not harder*

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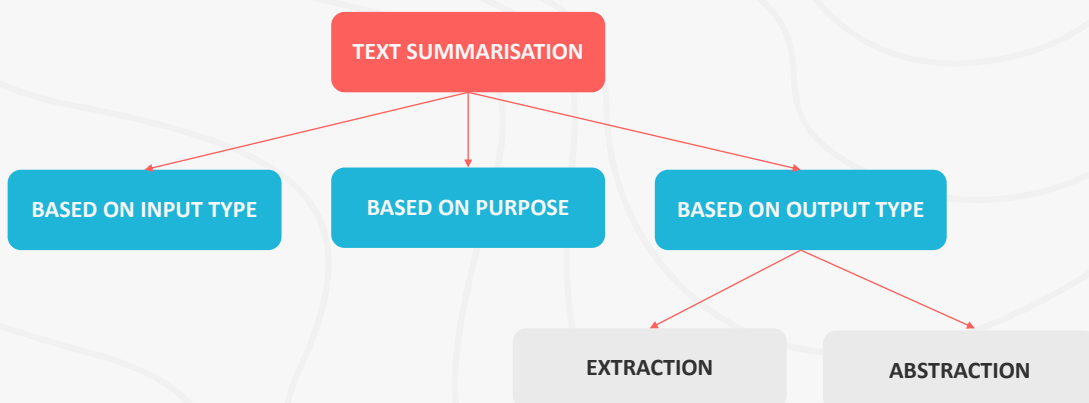
What is text Summarization?

Automatically creating a compressed version of a given document preserving its information content.



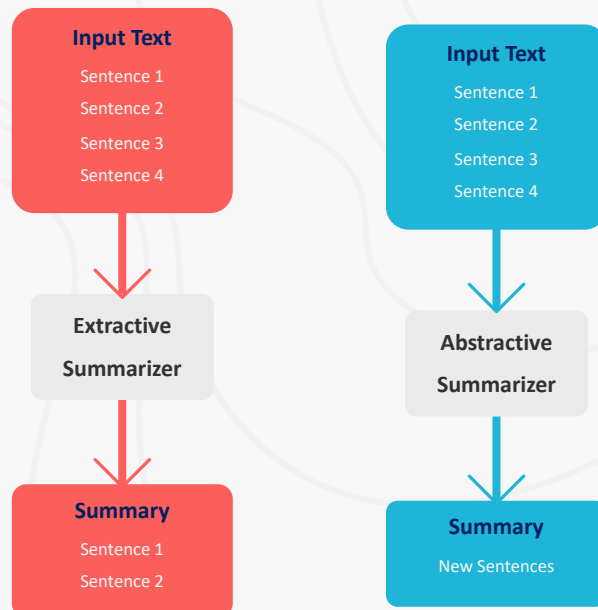
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Types of Summarization



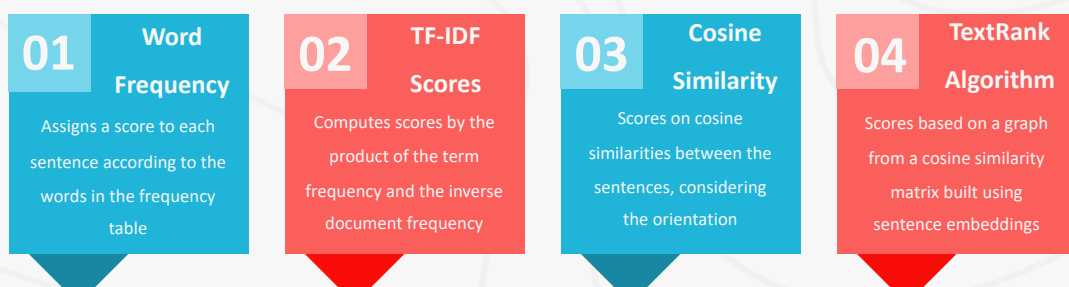
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Types of Summarization



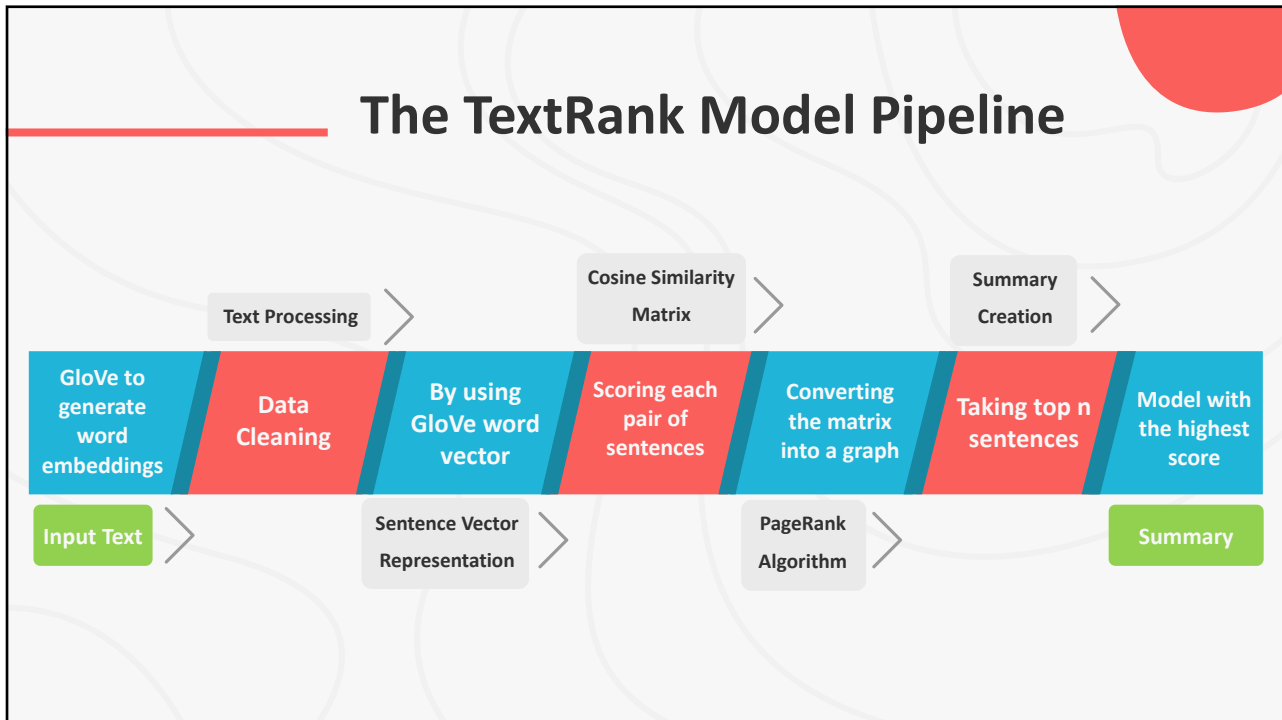
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Way to our final model



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The TextRank Model Pipeline

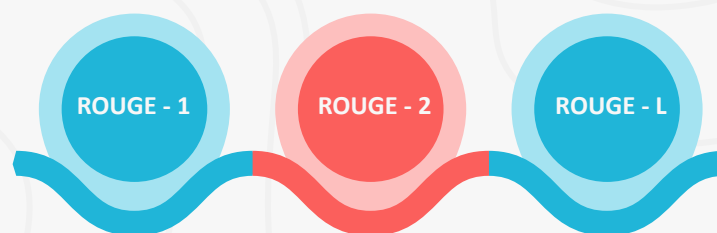


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A note on the Evaluation Metrics

For evaluating the summaries, we used
ROUGE
(Recall-Oriented Understudy for Gisting Evaluation)

Measure of Recall, Precision, and F1 for NLP tasks



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Application Demo

