Natural Language Processing for Trend Forecasting

Heládio Sampaio Lopes

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CONTENT

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INTRODUCTION

Over the years, more and more knowledge is generated and we humans are not able to process such an amount of information. Natural language processing emerges as a technology capable of assisting us in this hard task.

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LITERATURE TO REVIEW

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RELATED WORKS

CONTENT

MATERIALS AND METHODS

As discussed earlier, we want to build models capable of make predictions regarding the evolution of discovered topics in a set of documents and identify the discovered topics in real time.

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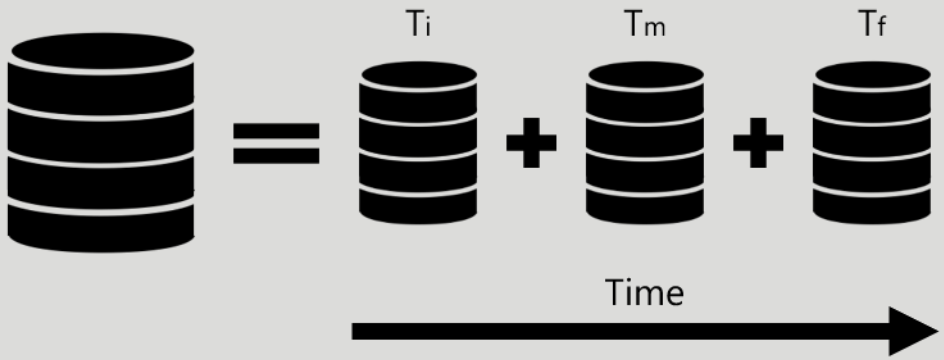

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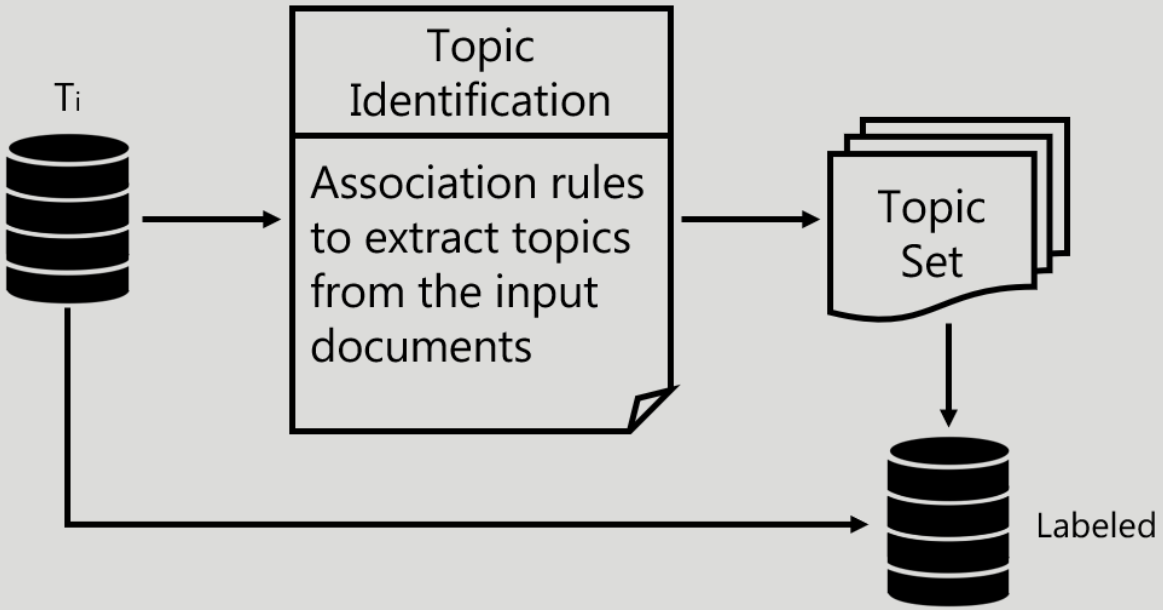

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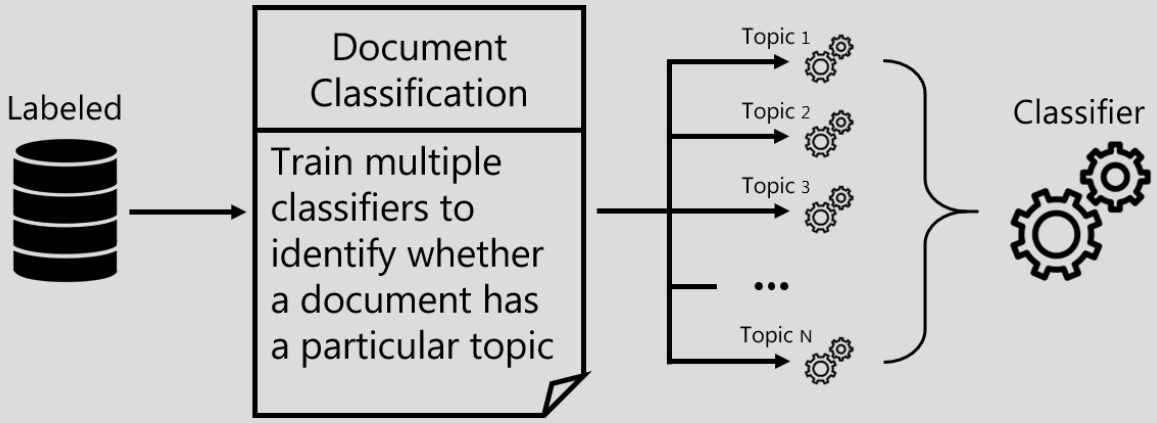

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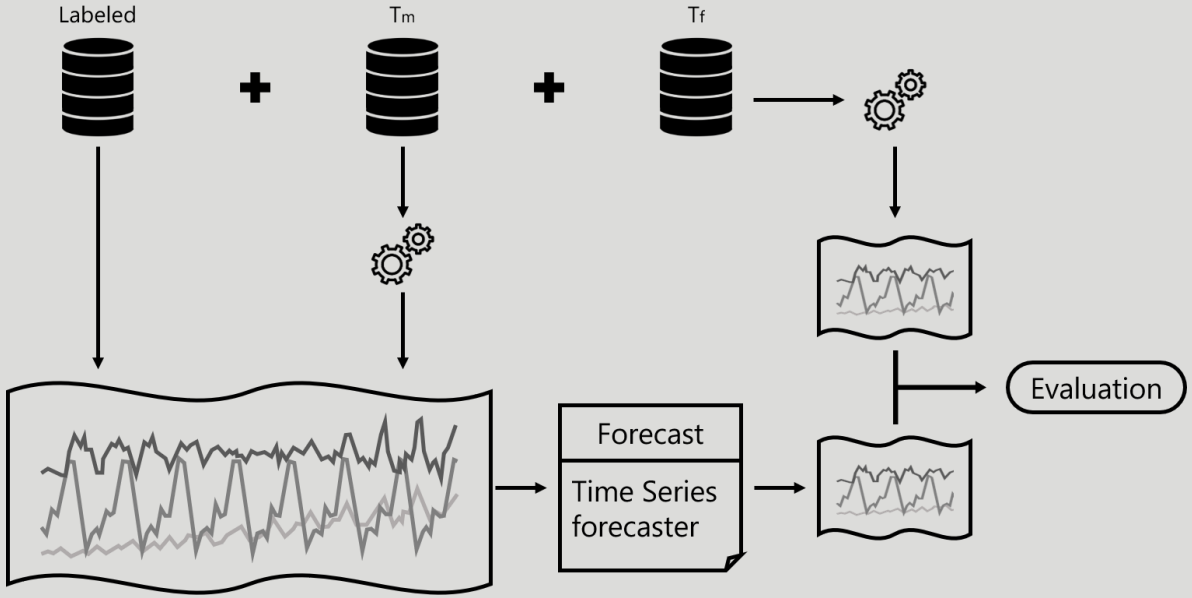

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ROADMAP

In view of the problem's complexity, we can elaborate a schedule with the proposed tasks in the previously. The table above show the tasks over the remains months until the end of this work.

Sprint	Start Date	End Date	Duration	Task
#1	August 3	August 16	14 days	- Chose a database - Pre process the database
#2	August 17	September 6	21 days	- Topic Identification
#3	September 7	September 27	21 days	- Document Classification
#4	September 28	October 18	21 days	- Time Series Forecast
#5	October 19	November 8	21 days	- Test and fix bugs

Obrigado!