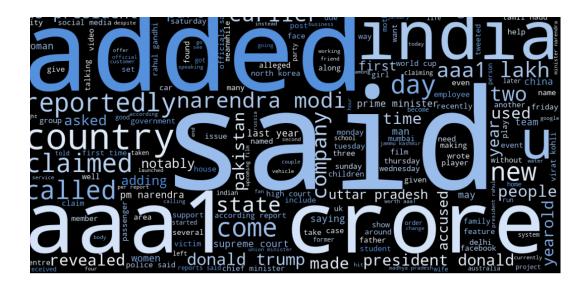


We will use "Abstractive Text Summarization" approach to identify the important sections, interpret the context and reproduce in a new way. This ensures that the core information is conveyed through shortest text possible, the sentences in summary are generated, not just extracted from original text.

The first step is to summarize the text. When we analyzed our data, we noticed that it contained numbers, punctuation marks, and capital letters.

for that reason we did data preparation:

- Converting to lowercase.
- Expand the contractions.
- Removing the punctuation.
- · Removing numbers from text.
- Removing stopwords from text.
- Removing unnecessary characters from text .
- Removing accented chars.



As showed, we used the word cloud to decide which keywords our data focuses on.