

### Assignment #5: YouTube News

2. CNN's content statistics show that there has been a spike in users that have interacted with the channel since the onset of Hamas's attack on Israel. Increased traffic has allowed for certain narratives about the issue to be pushed across consumers. Users' interaction with the channel increased after Hamas's attack, and comments on the channel have increased since then as well. Since these comments are offered as text data, text data analysis tools can be used to determine the general tone of the comments or any political "bias" users display in their comments. When analyzing comments, we can determine whether the consensus of the comments is a relatively "pro-Israel" view on the violence.

3. Quanteda can indeed be used to analyze the text data from the YouTube comments. First, after retrieving the data, we can create a "corpus" that organizes all the text data. For instance, if we wanted to retrieve text data involving "Israel protest," we would create a corpus with those characteristics. Then, we can draw a summary of the text data, and then save that summary as a data frame for analysis. From there, we can use packages like "ggplot2" to visualize the data and analyze it.