

Daily Log

Sunday November 3

Continued Going Through CSV File and Transcribing Different Talks as Said in Last Journal.

Wednesday November 6

Read Two Different Articles about the Methods of Text Summarization and Possible Approaches. (<https://www.analyticsvidhya.com/blog/2018/11/introduction-text-summarization-texttrank-python/> and <https://towardsdatascience.com/comparing-text-summarization-techniques-d1e2e465584e>)

Thursday November 7

Decided to Proceed with our Project by Successfully Implementing an API before We Begin to Try to Implement From Scratch. Continued Process of Researching into Text Summarization and Possible Solutions. (<https://www.kdnuggets.com/2019/01/approaches-text-summarization-overview.html> and <https://machinelearningmastery.com/gentle-introduction-text-summarization/>)

Timeline

Date	Goal	Met
Oct 25	Research Possible Text Summarization APIs and Methods	No, Got a Good Result From One TED Talk
Nov 1	Get Results from IBM Watson Speech to Text for Multiple TED Talks	Yes, Got Transcripts for Around 40 Different TED Talks
Nov 8	Research Possible Text Summarization APIs and Methods	Yes, Read Different Articles about Ways to Summarize Text
Nov 15	Continue to Research Possible Text Summarization APIs and Methods	
Nov 22	Begin Implementing a Text Summarization Algorithm	

Reflection

I was glad we finally finished the audio to text segment of our project and could move onto researching other parts of the project. We intend to focus more on the text summarization part of the project and hope to be able to improve on current text summarization methods. Throughout researching, I hope to still expand our database of transcripts so that we can have a larger dataset for our own implementation of text summarization. Next week, I hope to find more APIs so I can make an informed decision about which one to proceed with and also look into coding text summarization from scratch.