

Daily Log

Monday December 2

Replaced Every "HESITATION" with a Period. Realized in Some Places the "HESITATION" was in the Middle of a Sentence due to Fillers. Decided to First See the Results of Summarization Before Thinking of Alternate Solutions.

Tuesday December 3

Summary was Somewhat Jumbled and Confusing at Times to Read Through. Spent Most of Time Reading Through Summary and Seeing if There were any Identifiable Fixes. Brainstormed Different Ideas while Looking Through Summarization for Coherence.

Thursday December 5

Decided to try Breaking the Transcript into Sections and Individually Summarization Each Segment and then Combine Each Summarization. Seemed to Help for Some Sections but Sometimes Sections would Not Return a Summary. Tried Looking into if These Sections had Important Information that was Left Out.

Timeline

Date	Goal	Met
Nov 15	Continue to Research Possible Text Summarization APIs and Methods	Yes, Decided to Move Forward with TextTeaser
Nov 22	Begin Implementing a Text Summarization Algorithm	Yes, Started Working with APIs (Text Teaser and Gensim)
Dec 6	Finish Implementing a Text Summarization Algorithm for Piece of Text	Yes, Summary Returned for Short Paragraph
Dec 13	Continue Implementing a Text Summarization Algorithm for a TED Talk	
Winter Goal	Summarize a TED Talk by Implementing a Text-Summarization API	

Reflection

It was good to see that my original idea of replacing "HESITATION" with periods returned a summary. However, the summary was not the best and definitely needs improvement before next week. This week, I need to test the idea of splitting the transcript into sections. I still have confidence in the text summarization as it returns great summaries for self generated text, but am considering switching transcripts to see if there is a better TED Talk transcript. I hope to make progress with fixing the text summarization by next week as that is my winter goal. I think I am on track to meet the goal and hopefully this remains the same.