



Text-2-Speech Processing on 4 Stances of 10, 807 Characters Length

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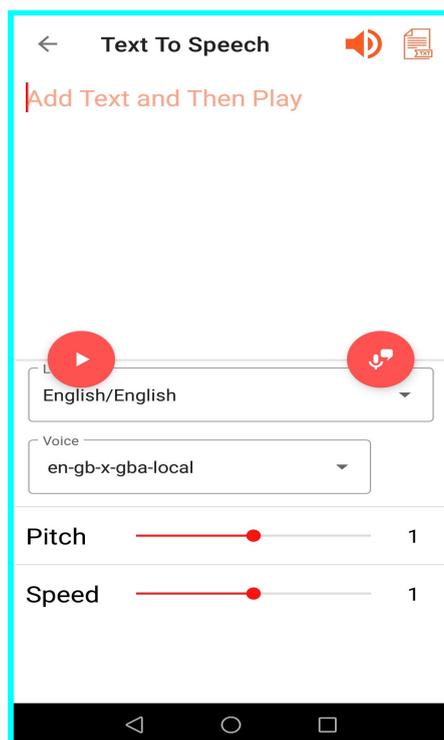
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1.12.2020.

Abstract. *This report is on text to speech processing on 4 Stances of 10,807 length of characters on a title "Achieve 100% Life Expectancy :Difficulties with Power" and abstracted as "We recharge our mobile phone and laptop to 100% power every day but the life Expectancy of 100% is difficult to achieve on information" .*

Keywords: media, saturated media, characters, mobile, phones, computer, text, speech.

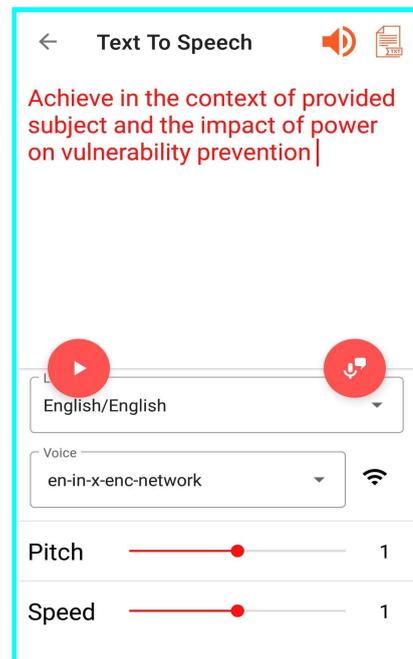
1 Introduction.



This report is describing a speech[4,5] presentation for Viva and sort of using text-2-speech[2] technique on Mobile audio[8,9] laboratory to achieve this. The mobile software is actually called Audiolab as shown aside. Audiolab is an audio processing software on audio objects or files. The forms on the application shows text entry, language type, selected voice type, pitch and speed. There are two buttons on the application :play and speech[6,7] processing with autosave The lite software allows a maximum of 4000 characters length to be processed to speech. But the total desired characters length is 10,807 so the approach is to divide the text into 4 Stances with

the first having 3210, second with 1689, the third with 3210 length of characters and the 4th Stance having 2228 characters. The approach of this report is to show the text processing details by each Stance case. I will now show the text along with some other details of audio name, word count, character length and character length without space. The next section will discuss the speech media content into further details. In there, we will look at file sizes of audio objects, media time of each audio and merge audio analysis of a combined speech audio object detail.

Stance 1 [1] will begin here [Edited a bit excluding essay abstract and keywords]:



The Life Expectancy of 100% is difficult to achieve even in recharging our mobile phones and laptops to power access to 100% information via Internet-based. We plug into the socket mains on walls everyday to get the power of information supplied by Watts in every single minute of less power. Power is transmitted wireless everyday in seek of information everyday but the 100% Life Expectancy is a difficult skill to get. As we get more informed so is power usage consumed. Information is consumed on power usage is that limitation a source of information based upon the data protection. Why is data protected in consumed power, is this a difficult method to use in order of securing data?.

On Abstract :

Sample size in qualitative interview studies: guided by information power Kirsti Malterud, Volkert Dirk Siersma, Ann Dorrit Guassora Qualitative health research 26 (13), 1753-1760, 2016:

Sample sizes must be ascertained in qualitative studies like in quantitative studies but not by the same means. The prevailing concept for sample size in qualitative studies is “saturation.” Saturation is closely tied to a specific methodology, and the term is inconsistently applied. They proposed the concept “information power” to guide adequate sample size for qualitative studies. Information

power indicates that the more information the sample holds, relevant for the actual study, the lower amount of participants is needed. They suggested that the size of a sample with sufficient information power depends on (a) the aim of the study, (b) sample specificity, (c) use of established theory, (d) quality of dialogue, and (e) analysis strategy. They presented a model where these elements of information and their relevant dimensions are related to information power. Application of this model in the planning and during data collection of a qualitative study is discussed.

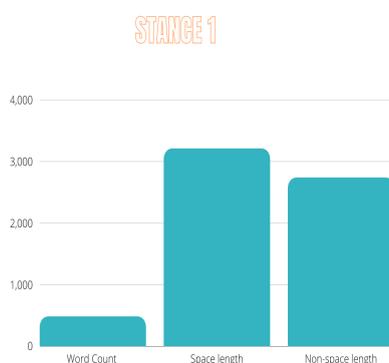
[View at journals.sagepub.com]

Ultimatum bargaining models of international interactions suggest that when conflict is costly and the actors are fully informed, the probability of conflict goes to zero. However, conflict occurs with some positive probability when the challenger is uncertain about the defender's reservation value. He employed a simple ultimatum game of bargaining to evaluate two traditional power-centric theories of world politics, balance of power and power transition theory. The formal and empirical analyses demonstrate that as states approach power parity, information asymmetries are greatest, thus enhancing the probability of militarized conflict. Uncertainty is a central cause of conflict emergence and is correlated with the distribution of observable capabilities. Recognizing the relationship between the distribution of power and uncertainty offers a more sophisticated interpretation of power-centric explanations of world politics.

[End]

Stance 1 will end here with the following information :

Audio Name	Word Count	Characters Length	Characters Length without space
AchieveTalk1	482	3210	2738



The chart for the details above is shown below:

Stance 2 [1] will begin here:

Seeking information is not as simple as opening a door when knocked on it. Information seeking is not an appearance of persons or having great ears to listen to gossip. We are not worshippers of information on crowd appraisal. This is difficult to grasp on ways to gather information on gossip. A single minute of appearance is not information loss. The recipient of information is not stateless in any form. Consumption of information in stateful form is subject to the resource usage but only in the context of provided source code. This is so on the World Wide Web(WWW). The information contained in this world is physically limited to the power usage of charge. The stateful context of information is stored-charges in a distributed power network to and from a physical world. The router, switches and other network devices concentrate on search words from search optimisation engines to serve on request. Why is it still difficult to access information on 100% power recharge.

If information is a stored-charge then on recharge brings more information to the user on search words.

On Abstract:

Situational leadership, perception, and the impact of power Paul Hersey, Kenneth H Blanchard, Walter E Natemeyer. Group & Organization Studies 4 (4), 418-428, 1979

This article integrates the concept of power with situational leadership by relating the perception of a leader's power bases with various leadership styles. The sources of power are identified; situational leadership is reviewed; and a new instrument, the Power Perception Profile, is described and discussed. Maturity levels are defined, and their relationships to power sources and leadership styles are discussed.

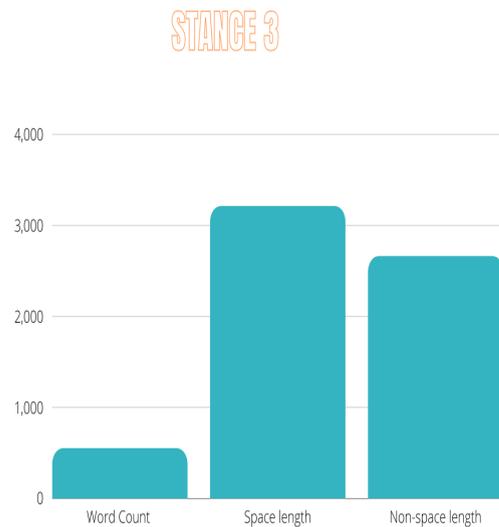
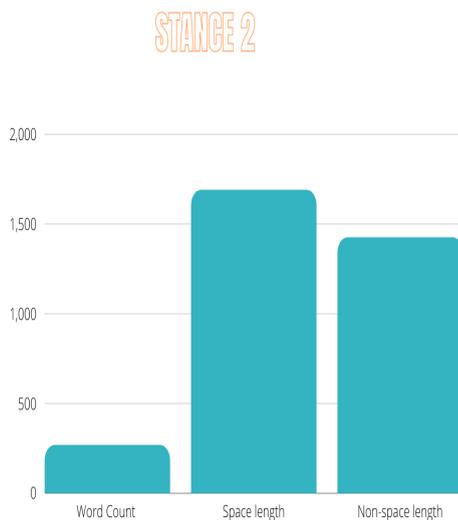
[End]

Stance 2 will end here with following summary :

Audio Name	Word Count	Characters Length	Characters Length Without
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			Space
Audiotalk2	267	1689	1424

The chart [3] for stance 2 is below:



Stance 3 [1] will begin here :

Ofcourse, what you do know brings one to the information context desirable to the request of knowledge. We cannot know enough and so what is knowing on the Expectancy of 100% information. We do expect life to have 100% information. Complex thoughts driving down to the centre of zero systems. Billions of information are in use every day but where do we know that a particular information is being used? Thirty-three zeros is the source of decillion and 100 is the source of percentage. Decillion information is not the Expectancy of 100% Life. So again why are we in zero places of 1 information. Simply put, no matter the zeros , bring the information of life in front of one information. One information in front of decillion zeroes brings us a more overwhelming 10000 plus billions information than ever in the context of nature. There is a reason for that very 100% Life Expectancy. The very simple explanation is that there is an owner to everything.

On preliminary information will help one to determine what is happening in 100% information. On researching and planning on information usage is there a likelihood of serving for the span of most great life from great people. You can use information to help people find out more about the

benefits of life in 100% Expectancy. Experience is done with an excellent opportunity for making with a team in large. Life extends to many without any experience of what to achieve. Experiences make us not achieve greater length of information. You will plug into your life several times but it needs to stop and make contact with the owner.

Plug into the life of the owner for a close 99% of life Expectancy. You need not charge on mobile horns. Or calling out to heaven to fall into your love life of Expectancy. Plugged and ready to plug even more into the information society. The owner domain should have an option to use the same code of many sources. The codes of society is different from the creator society. You need not get the life of 100% but try with the owner domain. What do you think is difficult achieving with the owner?. The owner slammed on information about difficulty on themselves. Nobody listens on this slanderous information in misinformed nature. So simply do not inform in misinformed nature. The power of information makes us data whole in some sense but what do you put into life for it's all theirs. The reason goes and leaves us to think in pondering on misinformed nature. Possession of lies, force celebration and misrepresentation is a misinformed nature. The power of information makes us data true to others by subjecting to the making of senses. Typed and edited as we stay on the power of computer power is not surpassing information power. In other sense computer power is not here to serve lies information power. Computer power is sourced as power of information. They are both working power in excel with information nature.

Lagging behind a minute or more less in the power of information makes we what of oneself?

ON ABSTRACT:

Information capacity and power control in single-cell multiuser communications
Raymond Knopp, Pierre A Humblet
Proceedings IEEE International Conference on Communications ICC'95 1, 331-335,
1995:

Stance 3 will end with the following summary :

Audio Name	Word Count	Characters Length	Characters Length Without Space
AchieveTalk3	548	3210	2660

The chart[3] for the details is as shown above.

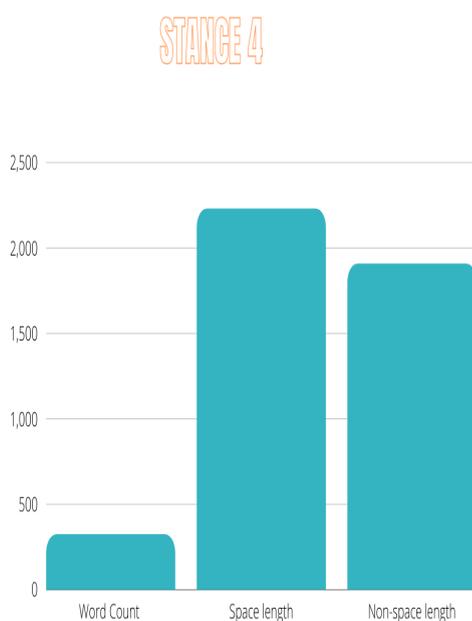
Stance 4 [1] will begin here:

They considered a power control scheme for maximizing the information capacity of the uplink in single-cell multiuser communications with frequency-flat fading, under the assumption that the users attenuations are measured perfectly. Its main characteristics are that only one user transmits over the entire bandwidth at any particular time instant and that the users are allocated more power when their channels are good, and less when they are bad. Moreover, these features are independent of the statistics of the fading. Numerical results are presented for the case of single-path Rayleigh fading. They show that an increase in capacity over a perfectly-power controlled (Gaussian) channel can be achieved, especially if the number of users is large. By examining the bit error-rate with antipodal signalling, we show the inherent diversity in multiuser communications over fading channels.

[End]

Conclusion. Societies building around us everyday to mimic the wireless human communication are being staged on information in physical time. The hearing of sound creates a physical time different from the tick of clock.

Though, the times can exist in total harmony, there is no sound of voice but a tick sound of clock hands moving clockwise just to have us limit our power of information.



Further Reading.

[Google Scholar]

- (1) Joseph Weizenbaum. Computer power and human reason: From judgment to calculation n. WH Freeman & Co, 1976.
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- (3) Information power: Building partnerships for learning American Association of School Librarians Staff, American Association of School Librarians, Association for Educational Communications, Association for Educational Communications, Technology Staff.
- (4) Paul Hersey, Kenneth H Blanchard, Walter E Natemeyer. Situational leadership, perception, and the impact of power. Group & Organization Studies 4 (4), 418-428, 1979.
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(6) Raymond Knopp, Pierre A Humbl et al. Information capacity and power control in single-cell multiuser communications. Proceedings IEEE International Conference on Communications ICC'95 1, 331-335, 1995.

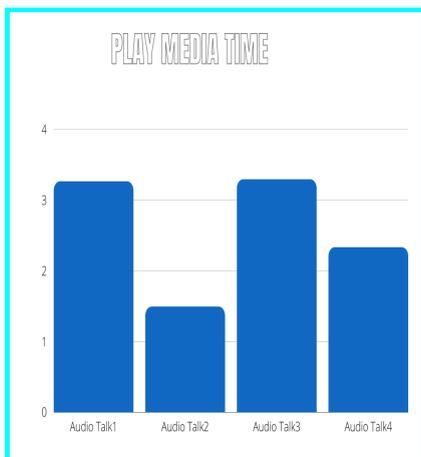
The stance 4 will end with the following summary :

Audio Name	Word Count	Characters Length	Characters Length Without Space
AudioTalk4	322	2,228	1906

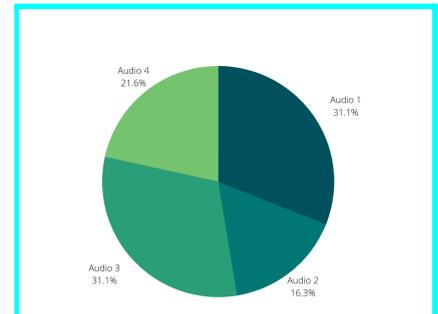
The chart [3] for the stance is shown above.

2 Speech Media Content

This section is about parts of speech audio that makes up the data whole of AchieveTalk. The current media is made up of four parts namely AudioTalk of 1,2,3,4. These are merged into one audio file after part speech processing. The media time for each audio are as follows in minutes:

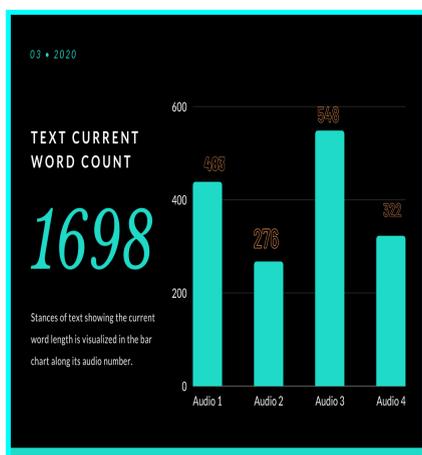


- AudioTalk1 : 3.26
- AudioTalk2: 1.49
- AudioTalk3: 3.29
- AudioTalk4 : 2.33



The word count of text of each audio part is compared in pie chart as shown above.

The media time profile described above is now used to determine the total media-time of audio parts.



Saturated media time :
 $= 3.26 + 1.49 + 3.29 + 2.33$
 $= 10.37\text{mins.}$

If the audio parts are merged together will the media time increase or decrease? After the merge process, it is found out that it rather increases. The play media time is 11.19 for the merge file. The difference between the saturated and play media time is +0.82 on leading or -0.82 on lagging.

Lead media-time is
 = 10.37mins + 0.82 min
 =11.19 minutes.

Lag media-time is
 = 10.37 mins - 0.82 min
 = 9.55 minutes

3 Conclusion

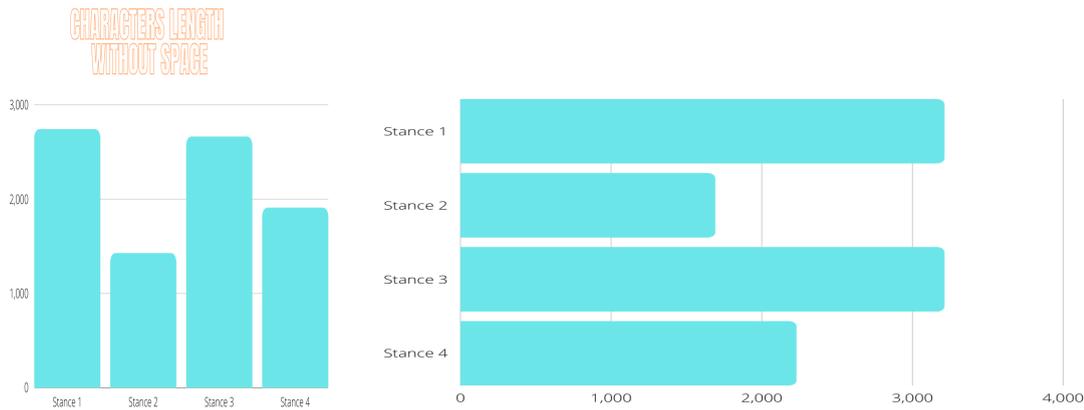
This report concludes on the media time discussed so far, the overall file description of audio parts and finally on character charts on space and without space.

The media times are as follows :

Media time	Values (mins)
Saturated	10.37
Lead	11.19
Lagged	9.55

The overall audio file description is as shown :

Audio Name	AudioTalk1	AudioTalk2	AudioTalk3	AudioTalk4
Word Count	482	267	548	322
Characters Length	3210	1689	3210	2228
Characters Length Without Space	2738	1424	2660	1906
Media Time	3.26mins	1.49mins	3.29mins	2.33mins



Further Reading

- [1] Frank Appiah. 2020. Achieve 100%. Life Expectancy : Difficulties With Power. Academia.edu.
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