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DHUM 1100: Introduction to Digital Humanities

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Group Text Analysis Project

Ouestion:

How does the repetition of words and phrases in Dolly Parton's 'Jolene' contribute to the song's emotional intensity and thematic depth?

Prediction:

Based on what we know about Dolly Parton, we are predicting that the song will repeat Jolene and mention relationships in some form, potentially through the use of the word "love" or "man."

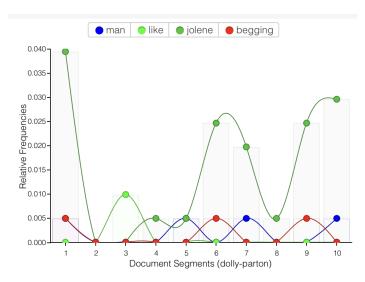
Voyant Findings



After adding in stopwords of "I'll," "I'm," and "It's," this is the resulting word cloud. The word that occurs the most is "Jolene," which is in line with our prediction. The other words that occur the greatest number of times are "man," "begging," "like," and "just." "Man" being the second most common word is also in line with our prediction, but it is surprising that "love" is not high up on the list.

+			
	1	jolene	31
	2	man	4
	3	begging	3
	4	like	2
	5	just	2
	6	easily	2
	7	voice	1
	8	understand	1
	9	there's	1
	10	talks	1
	6 7 8 9	easily voice understand there's	

This is the list of the most used words in "Jolene" and as we expected, "Jolene" can clearly be seen that it is the most repeated word in the song. I also found it interesting to see that there was not much repetition of words in the song other than "Jolene."



This tool is particularly interesting because it makes it easy to tell when the chorus is sung as Jolene is repeated over several times in the chorus.

R Findings:

•	anger [‡]	anticipation [‡]	disgust [‡]	fear [‡]	joy [‡]	sadness [‡]	surprise [‡]	trust [‡]
1	0	2	0	0	5	1	1	3

This is the result of looking at the sentiment of the song. It is interesting to see that there is a strong sentiment of joy, when the root of the song is that she is begging for Jolene to not steal her man. This is also why it is interesting that trust has a higher value because we would think that distrust would be more of what the meaning of the song is.

_	negative [‡]	positive [‡]
1	3	7

After using R to look at the polarity of the song, it tells us that the song is more positively correlated than it is negative.



The word cloud clearly shows how Jolene was repeated the most, both through the sheer size difference, but also through the words facing in different directions.

Summary

We preferred using Voyant because of how easy it was to use. Voyant made it very simple to access the information we were looking for and it was clear that it was designed for people with no prior knowledge or experience to use. R required some more information and it was not as straightforward as Voyant was. The graphics on Voyant were also much more visually appealing than what was produced in R. When directly comparing the word clouds between the Voyant and R versions, the Voyant one had much more depth and more colors, while the R one felt like it was much more flat and lacked information that the Voyant had.