Student Summarization of Presentation

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Assigned Group Student Name(s): Maulik Garg

Questions:

1. What is the motivation for the analyses in this presentation? Or in other words, why should you (or someone else) care about the analysis that you just read/listened to?

Motivation of the project is to explore the relationship between different variables in relation to the ranking of the songs in the sample and check if those relationships apply to all songs in Spotify. This analysis showed how different factors can influence how popular a song can be on Spotify and which factors have more of an impact compared to others.

2. Did the analyses and conclusions answer the research questions that were stated at the beginning of the report/presentation? If so, how? What were the answers to these research questions?

The analyses and conclusions did answer the research question stated at the beginning of the report. There were 4 research questions:

1. What is the relationship between the highest charting positions and streams? How does this change for different values in the top 100 positions?
2. What is the association between position in top 100 and total number of artist followers in all songs in Spotify?
3. Is there a linear relationship between highest charting positions and artist followers, streams, popularity, and number of times charted in top 200 songs in Spotify? In all songs on Spotify?
4. Is there a linear relationship between the log-odds of the success level of position in top 100 and artist followers, streams, popularity, and number of times charted in top 200 songs in Spotify? In all songs on Spotify?

There is a negative relationship between stress and highest charting position for songs in the top 100 and for songs not in the top 100, but the stream numbers are lower and the charting position is higher than those in the top 100.

The linear regression models show there is a linear relationship between highest charting position and artis flowers, streams, popularity, and number of times charted. However, it is not a very strong relationship.

There is also a linear relationship between the log odds of success levels of position in top 100 and artist followers, streams, popularity, and number of times charted in top 200 songs in Spotify.

3. How would the results/answers to these research questions be useful to someone?

The results/answers to these research questions could be useful to someone in marketing. It can help them advertise the music and draw the attention of listeners. They can also be helpful to artists because it can allow them to see what factors contribute to their music being more successful and can help them measure how well they are doing compared to other artists.

4. After watching this presentation, what is one follow up question that you would have for this group? This could be a question about the work that they already did or an interesting question for future work.

In your research questions, you mentioned finding a linear relationship for all songs on Spotify. How would you go about finding the linear relationship for all songs based on the linear relationship in the sample?

Do you think your outcomes could have been different if you had a bigger, more random sample?

5. Any other constructive feedback that you'd like to give this group on their work? (Not required).

I really enjoyed the layout of your presentation. It was really easy to follow and I liked that there wasn't that much text. I also really liked your Process and Observations slide because I didn't think about laying out the hypothesis test and conclusions that way but it was very clean and simple. It allowed me to see the flow of the tests on one screen which was really interesting to see. Good job!