

Reviewer template

This is a template for reviewing class projects. Please fill out the sections below to review a project, and then email your review to person whose project it is. Also upload a pdf of each of your reviews to Gradescope.

Remember, these reviews are not anonymous so be sure to be positive in your review, but also be critical in order to help make the author's project stronger for their final submission.

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Reviewer name: Jenny Liu

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Summary

Please write a one paragraph (~3-6 sentence) summary of the project here. You should summarize the main goals and findings of the project.

This project explores data science through the music analytics of Spotify and what the significance of that does in painting a picture of different music variables and relationships. Analyzing music big data is useful to understanding cultural trends, industry performance, and artist investment. The data set was collected through Kaggle and analyzed the top songs, genres, changes in tempo, and energy and popularity. Conclusions include that ideas that tempo is a variable thing throughout different time periods and valence has a positive correlation with danceability.

1. Overall strengths and weaknesses

I thought that the project was very easy to follow. The headings were really useful and the visuals were appropriate and appealing. I'm not so sure what 'invasion' means as a music genre, but I was certainly pleased to learn something new! I'm listening to music on Spotify as I write this review, so I'm certainly contributing to Spotify's large data set and thus would benefit from music analyses like this. This is not really a weakness, but it'd be fun to see what the machine learning component looks included in the project!

2. Major revisions

- Machine learning component
- Perhaps shortening the introduction to fit the 10 page limit better?

3. Minor revisions

- Legends for graphs
- Not so sure if certain things in the data wrangling such as the printing of the dataset shape and the unique value checking is needed (just for the sake of the page limit while making sure you have space for your machine learning component)

3. Rubric score

Introduction (14/15)

- Only thing is that I'm sure if you explicitly stated what other analyses have been on the data you chose.

Data cleaning (13/15)

- Again, I'm not totally sure if some of the stuff you put was completely needed/necessary, given the page limit and your space restraints. I would consider taking some stuff out like the stuff I described above.

Data Visualization (25/25)

- Really enjoyed it, I think you're doing great!

Analyses (24/25)

- I think you did some sort of combination where you visualized and analyzed at the same point, which is cool (only a little slightly confusing initially) so you did a great job as well!
- I assume the machine learning will be included in the analysis?

Conclusion (15/15)

- Great! Clear and concise.

Reflection (5/5)

Rubric items where points would be taken off if not addressed:

- Tbh I think you're doing just fine even if you submitted this as your final thing. It's just fine-tuning and polishing it up!

Total score: 86/90

