

A professional recording studio with a large mixing console and speakers. The room has a brick wall in the background and several large speakers. The mixing console is in the foreground, and there are two chairs in front of it. The text "Album Score Prediction" is overlaid on the image.

Album Score Prediction

Analysis by Vittorio Scacchetti




Chart topping songs make a lot of money.

So why not try to write a hit?

Spotify is the biggest streaming platform for music, with access to audio information perfect for an analysis that goes beyond traditional music theory and songwriting techniques.



Spotify Audio

Features

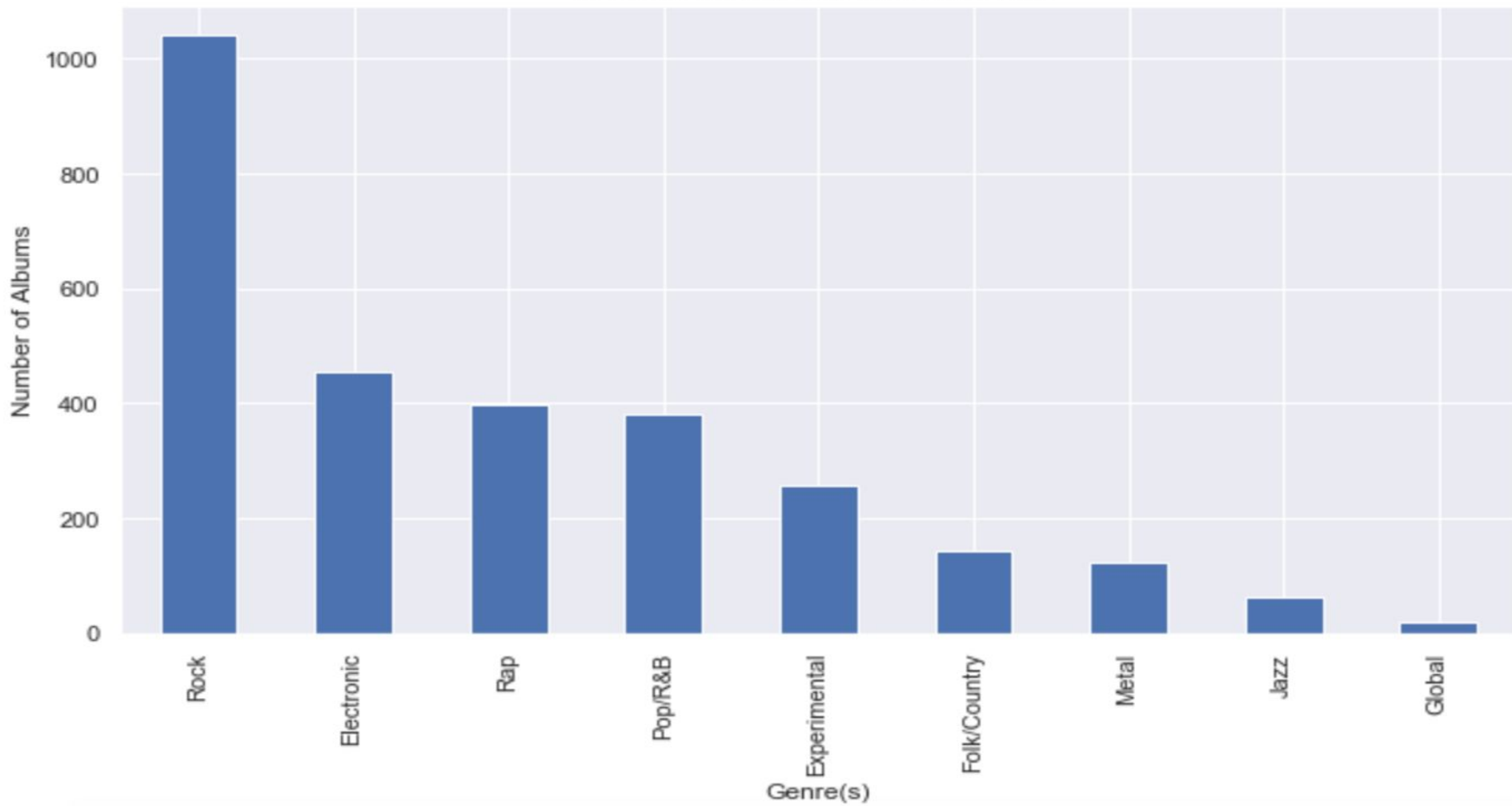


Regression Modeling



Pitchfork Reviews

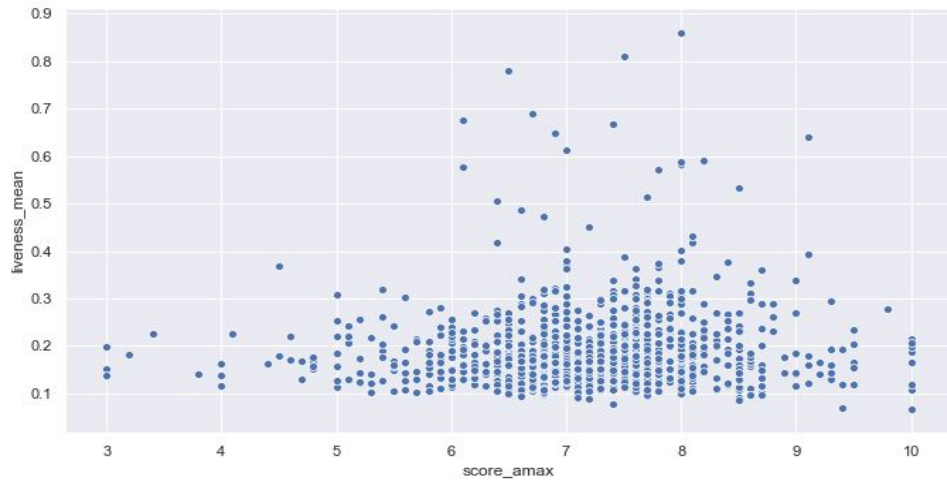
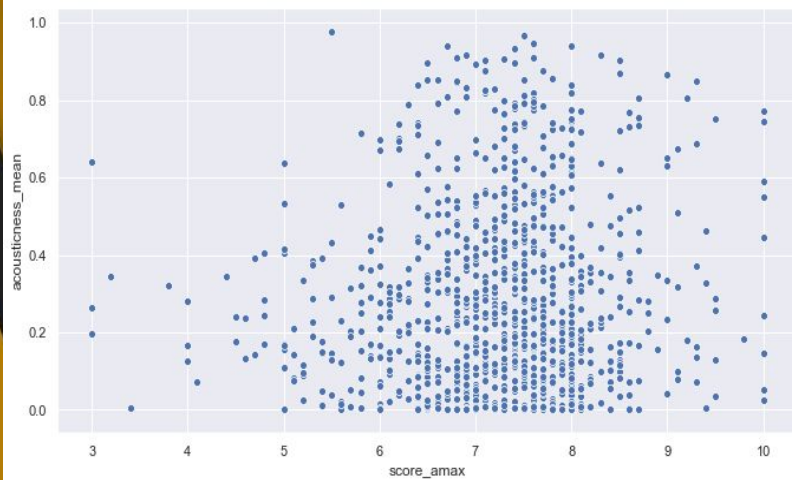
Number of Pitchfork Reviews per Genre



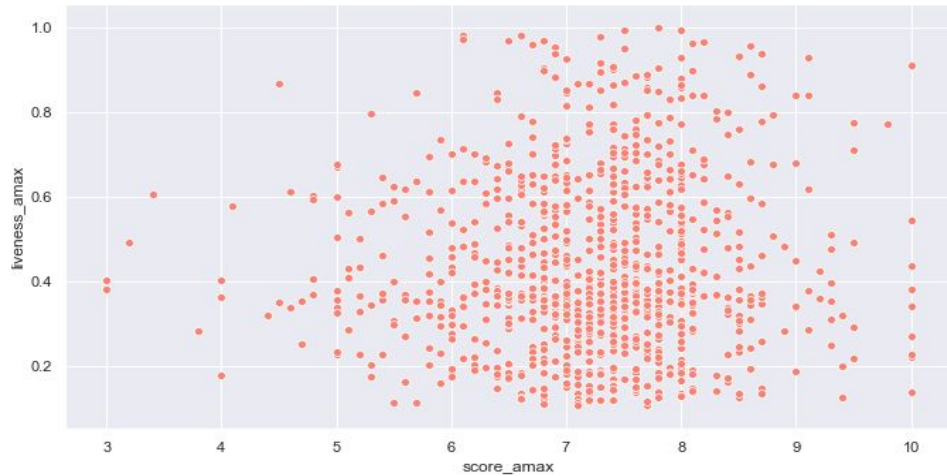
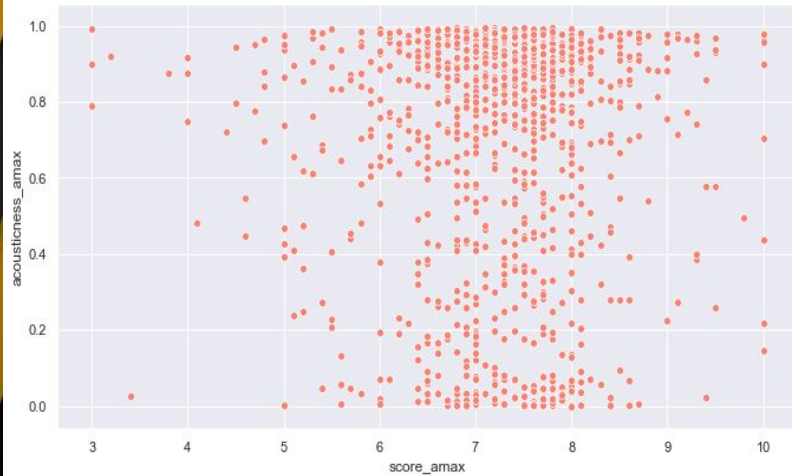
Acousticness

Liveness

Mean

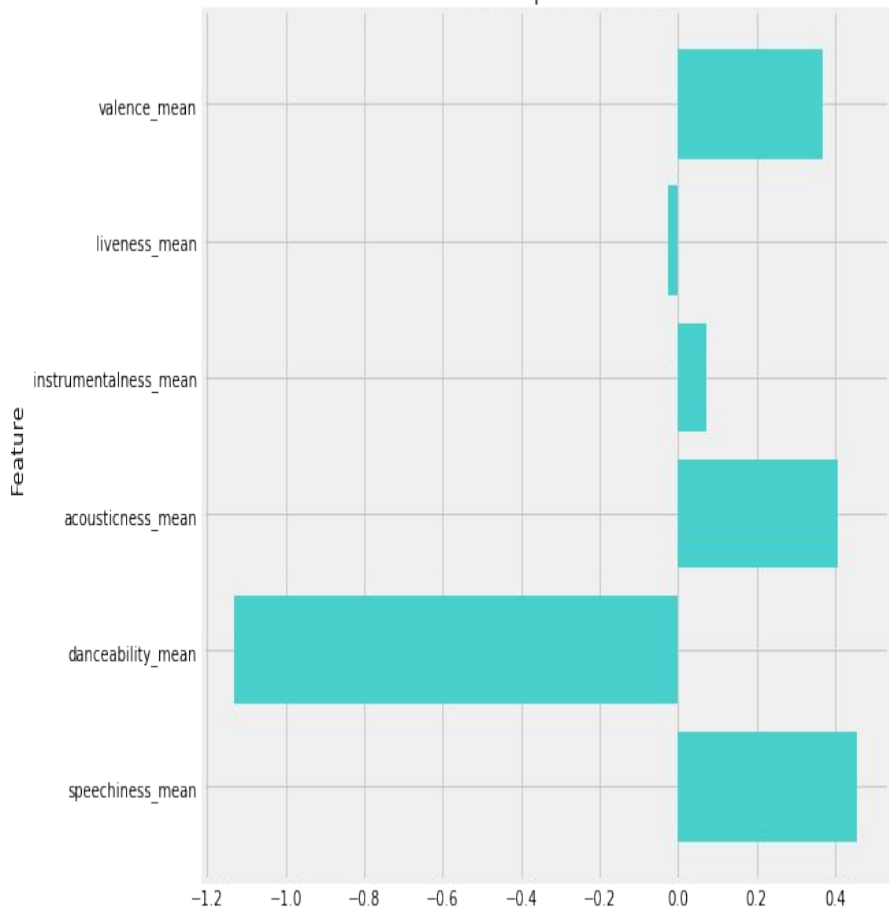


Max



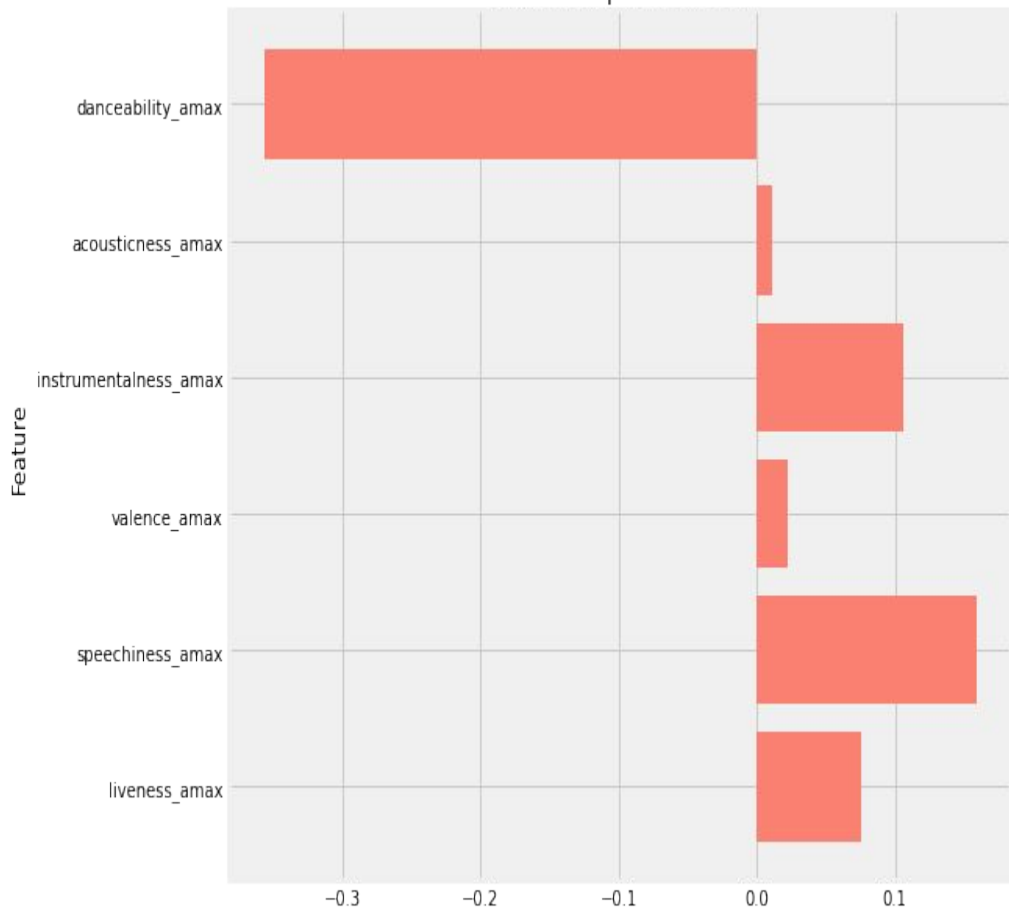
Mean Features

Feature Importance Plot



Max Features

Feature Importance Plot



Further Developments:

- Try different regression models such as Decision Tree
- Test on different genres

Thanks For Tuning!