Spotify Recommendation System: User Manual

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- How to use the app
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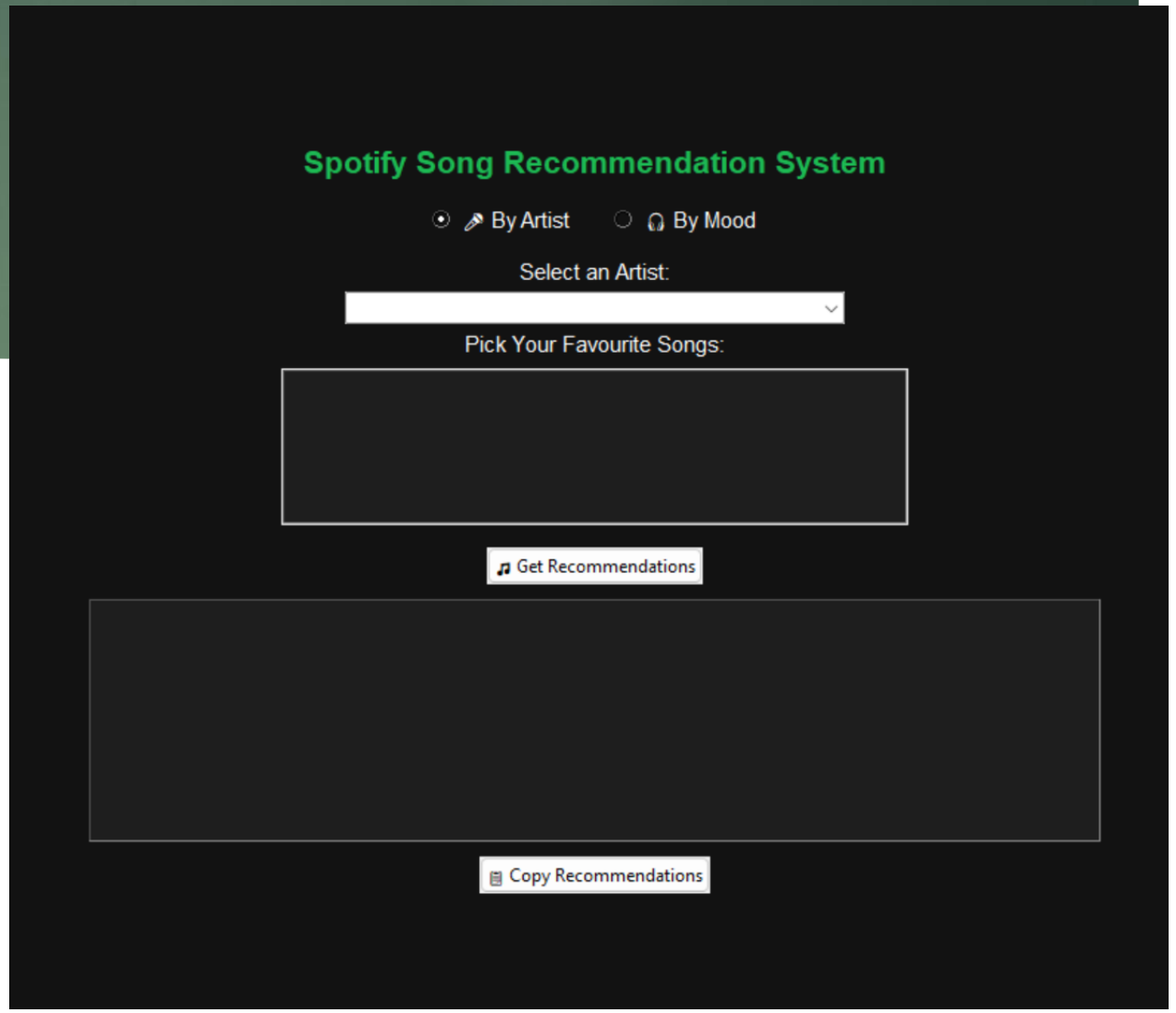
App Introduction

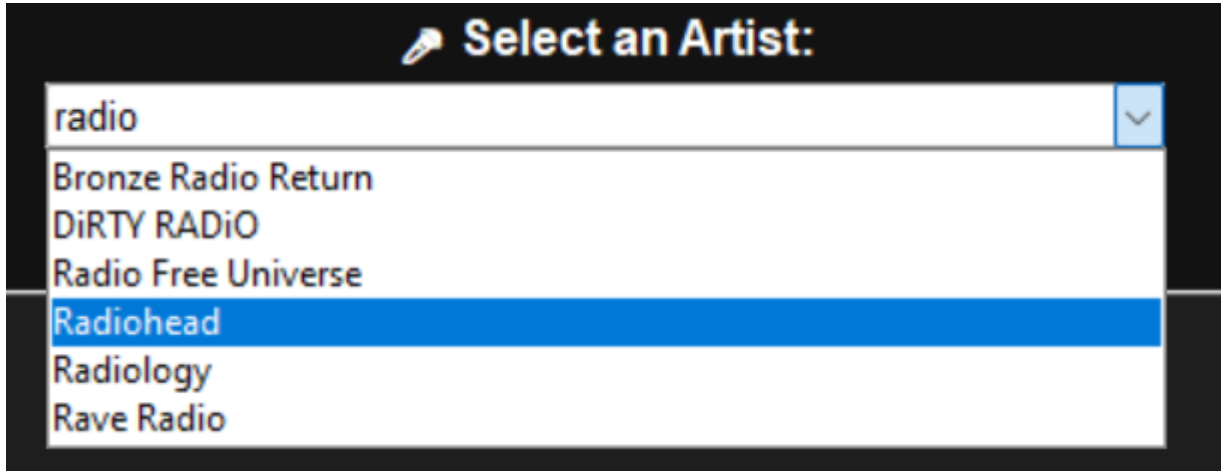
- Spotify Recommendation System
- Helps explore new artists that have a similar style
- Spotify API
- plotly.io, warnings, pandas, plotly.express, plotly.graph_objects
- tkinter: Front-end GUI



How to use the app

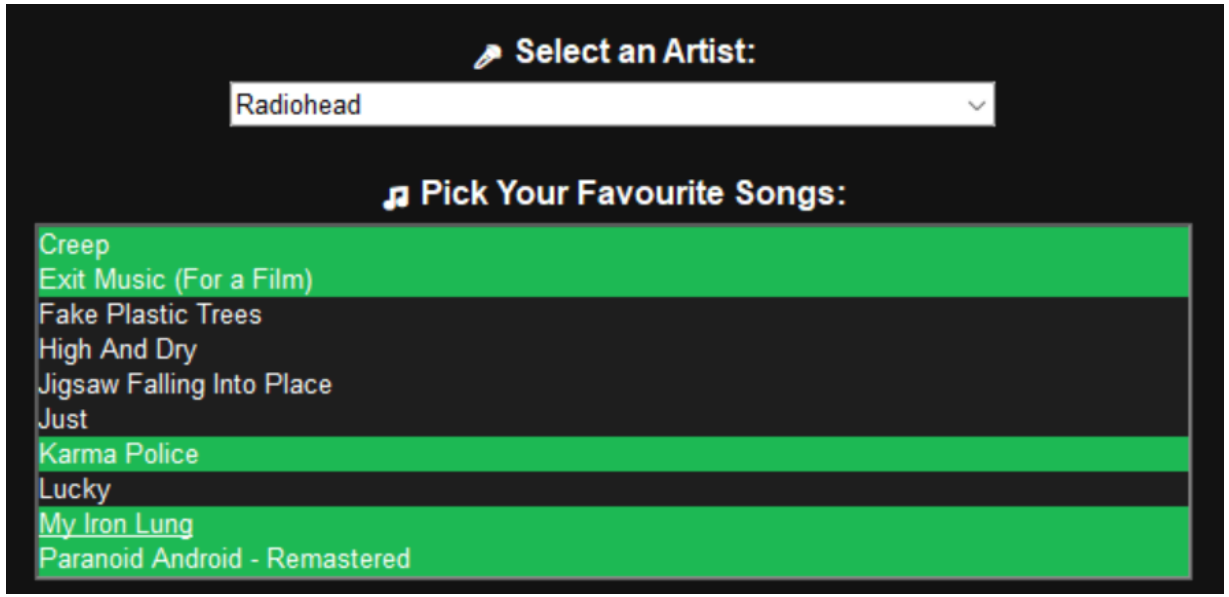
BY ARTIST
Choose your artist

Users can search for their favourite artists from a dropdown menu using the search bar



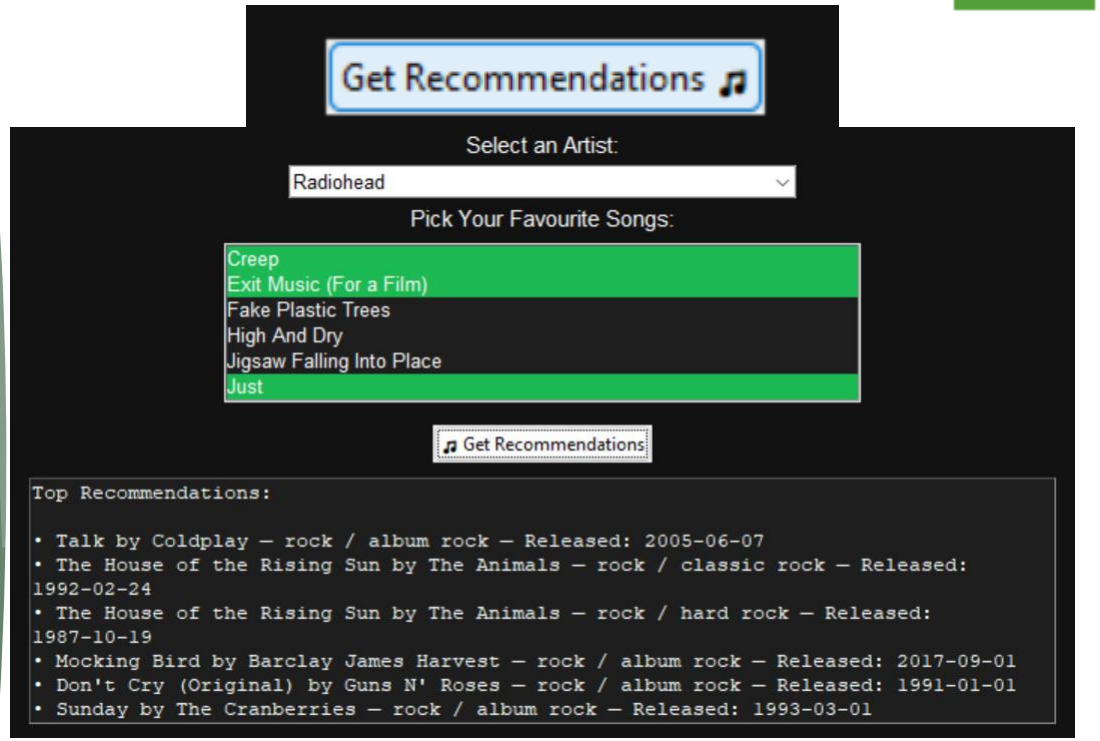
Select your favourite songs

After selecting their favourite artist, users can select their favourite songs from the catalogue.



Get Recommendations

Users can now click “Get Recommendations” to see similar tracks, their artist, genre, subgenre and release date.

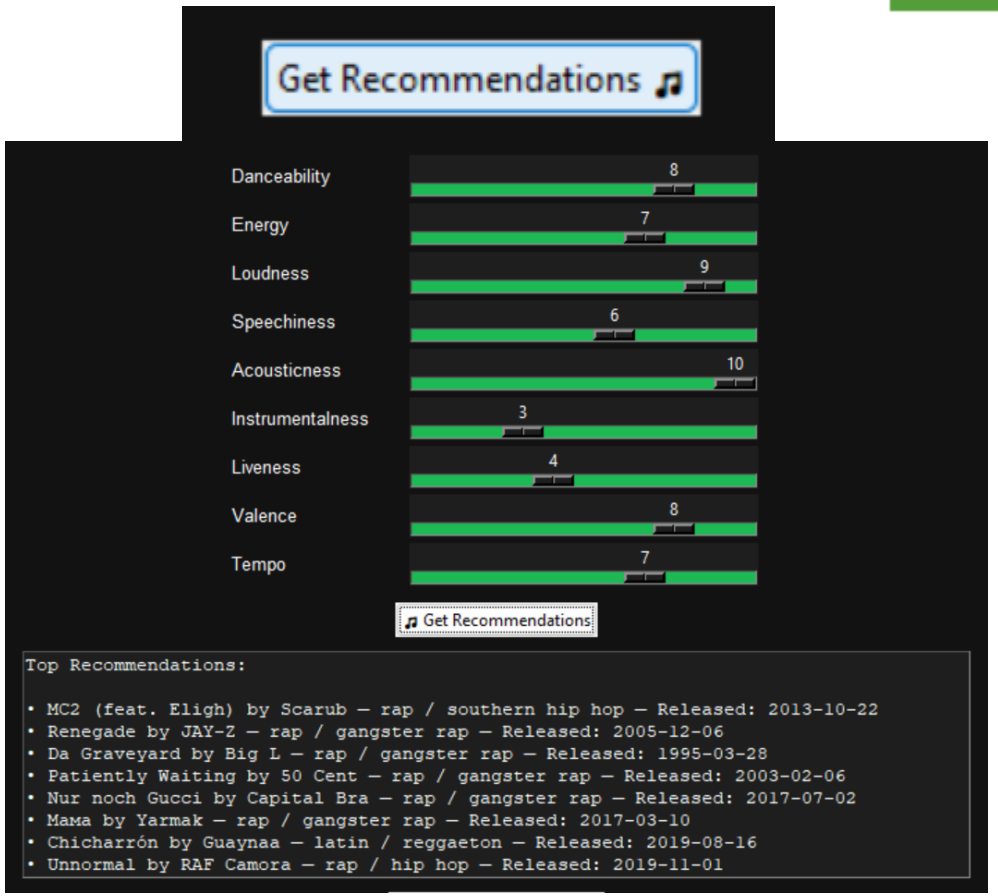


BY MOOD
Set parameters

Users can use sliders to set what parameters of songs they like most or want at a given moment

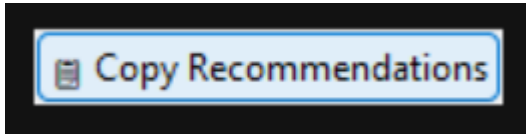
Get Recommendations

Users can now click “Get Recommendations” to see similar tracks, their artist, genre, subgenre and release date.



Copy Recommendations

Once they get recommendations, users can copy them to their clipboard by hitting “Copy Recommendations”



Top Recommendations based on your selection:

• Ode To My Family by The Cranberries – rock / album rock – Released: 1994-10-03
• The House of the Rising Sun by The Animals – rock / hard rock – Released: 1987-10-19
• The House of the Rising Sun by The Animals – rock / classic rock – Released: 1992-02-24
• Talk by Coldplay – rock / album rock – Released: 2005-06-07
• High Enough by Damn Yankees – rock / hard rock – Released: 1990
• High Enough by Damn Yankees – rock / album rock – Released: 1990
• Mull Of Kintyre by Wings – rock / album rock – Released: 2001-05-07
• Sunday by The Cranberries – rock / album rock – Released: 1993-03-01
• Everything I Said by The Cranberries – rock / album rock – Released: 1994-10-03
• Dancing With The Moonlit Knight - Remastered 2008 by Genesis – rock / album rock – Released: 1973-10-12

Video Demonstration

https://youtu.be/7cOYeBiEEx8

Contact for questions, concerns or suggestions

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Special thanks to:
@joebeachcapital on Kaggle (API)
@ziaadhosny on Kaggle (BACKEND)