







playlist_scrape.py (run daily)





playlist_data/[date].csv

playlist_data/playlist_data.csv

Country T	N	Market ⊤	1	Capture_dttm T	Track_artist ™	Track_name T	Track_id ^T	${\sf Track_popularity}\ {}^{\top}$	Track_number T	Track_preview_url 7	Track_duration [™]	Track_added_date T
global				2021-11-30 08:00:03.3	Adele	Easy On Me	46IZ0fSY2mpAlktS3KOqds			https://p.scdn.co/mp3-preview/c501	224694	2021-11-30T09:19:08Z
global				2021-11-30 08:00:03.3	The Kid LAROI	STAY (with Justin Bieber)	5PjdY0CKGZdEuoNab3yDmX			https://p.scdn.co/mp3-preview/dd4	141805	2021-11-30T09:19:08Z
global		ю		2021-11-30 08:00:03.3	LII Nas X	INDUSTRY BABY (feat. Jack Harlow)	5Z9KJZvQzH6PFmb8SNloxuk			https://p.scdn.co/mp3-preview/c1cb		2021-11-30T09:19:08Z
global				2021-11-30 08:00:03.3		abcdefu	4fouWK6XVHhzl78KzQ1UjL			https://p.scdn.co/mp3-preview/25a6	168601	2021-11-30T09:19:08Z
global		ю		2021-11-30 08:00:03.3	Taylor Swift	All Too Well (10 Minute Version) (Tay	SerxxwA8aAbwZbfSqCHORXi				613026	2021-11-30T09:19:08Z
global				2021-11-30 08:00:03.3	Elton John	Cold Heart - PNAU Remix	7rg/LriMNBPAyuJOMGwi39					2021-11-30T09:19:08Z
global		ю		2021-11-30 08:00:03.3	Glass Animals	Heat Waves	02MWAaffLxifxAUY7cSdvx				238805	2021-11-30T09:19:08Z
global				2021-11-30 08:00:03.3	Imagine Dragons	Enemy (with JID) - from the series Ar	1r9xUipOqoNwggBpENDsvJ					2021-11-30T09:19:08Z
alabat.			т.	2021 11 20 00 00 01 1	Edifference	DO: 10	FOR A STANSON OF OCCUPANT	- 03		Name // /	207053	2021 11 20700 10-007





song_features_lookup.py
(run daily)



EDA and Analysis



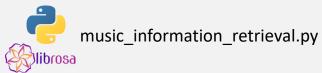
genres.py k_means.py spotify_librosa_correlation.py Data Exploration & Analysis.ipynb





lookups/all_track_audio_features.csv lookups/full_audio_features.csv lookups/MIR_features.csv









lookups/track_audio_features.csv

02MWAaffLxffxAUY7c5dvx												238805	
SZ9KJZvQzH6PFmb8SNlosuk											150.09		
SPjdYOCXGZdEuoNab3yOmX											169.93	141806	
OgpiL1WMoI6iYaPgMCL0gX												224695	
Track_id T	Danceability ^T	Energy [⊤]	Key [⊤]	Loudness T	Mode [⊤]	Speechiness T	Acousticness ^T	Instrumentaline	Liveness T	Valence T	Tempo_1 [⊤]	Duration_ms ^T	Time_signature



streamlit_app.py
/st_support_files/pages/
st_home.py
st_density_choose.py
st_correlations_choose.py
st_recommendations.py