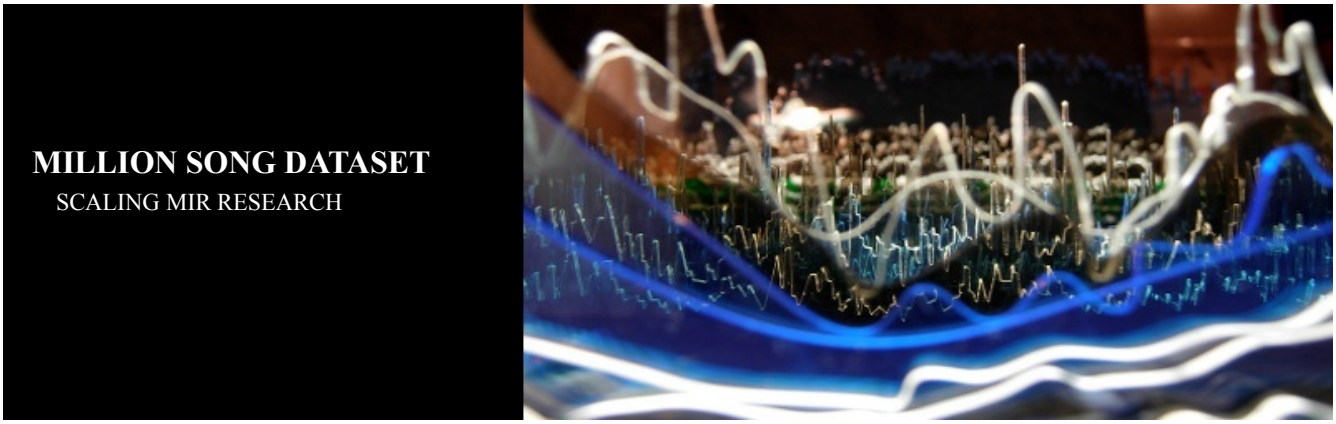

Million Song Dataset document

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DESCRIPTION OF THE TRACK:
TRAXLZU12903D05F94
Rick Astley, *Never Gonna Give You Up*

We comment the output of the program display_song.py
For arrays (tags, beat starts, etc), we only display the shape here.

analysis_sample_rate: 22050
the audio used for the analysis had a sample rate of 22050 Hz.

artist_7digitalid: 3204
the ID of this artist on the service 7digital is 3204

artist_familiarity: 0.754917645451
according to The Echo Nest, when downloaded (December 2010), this artist had a familiarity of 0.7 (between 0 and 1)

artist_hotttnesss: 0.507464243115
according to The Echo Nest, when downloaded (December 2010), this artist had a 'hotttnesss' of 0.5 (between 0 and 1)

artist_id: ARWPYQI1187FB4D55A
The Echo Nest ID for this artist is ARWPYQI1187FB4D55A

artist_latitude: 53.45644
the latitude of the location associated with this artists has a longitude of 53.4

artist_location: Newton-le-Willows, Merseyside, England
name of the location associated with this artists

artist_longitude: -2.63265
the longitude of the location associated with this artists has a longitude of -2.6

artist_mbid: db92a151-1ac2-438b-bc43-b82e149ddd50
the musicbrainz.org ID for this artists i db9...

artist_mbtags: shape = (4,)
this artist received 4 tags on musicbrainz.org

artist_mbtags_count: shape = (4,)
raw tag count of the 4 tags this artist received on musicbrainz.org

artist_name: Rick Astley
artist name

artist_playmeid: 1338
the ID of that artist on the service playme.com

artist_terms: shape = (12,)
this artist has 12 terms (tags) from The Echo Nest

artist_terms_freq: shape = (12,)
frequency of the 12 terms from The Echo Nest (number between 0 and 1)

artist_terms_weight: shape = (12,)
weight of the 12 terms from The Echo Nest (number between 0 and 1)

audio_md5: bf53f8113508a466cd2d3fda18b06368
hash code of the audio used for the analysis by The Echo Nest

bars_confidence: shape = (99,)
confidence value (between 0 and 1) associated with each bar by The Echo Nest

bars_start: shape = (99,)
start time of each bar according to The Echo Nest, this song has 99 bars

beats_confidence: shape = (397,)
confidence value (between 0 and 1) associated with each beat by The Echo Nest

beats_start: shape = (397,)
start time of each beat according to The Echo Nest, this song has 397 beats

danceability: 0.0
danceability measure of this song according to The Echo Nest (between 0 and 1, 0 => not analyzed)

duration: 211.69587
duration of the track in seconds

end_of_fade_in: 0.139
time of the end of the fade in, at the beginning of the song, according to The Echo Nest

energy: 0.0
energy measure (not in the signal processing sense) according to The Echo Nest (between 0 and 1, 0 => not analyzed)

key: 1
estimation of the key the song is in by The Echo Nest

key_confidence: 0.324
confidence of the key estimation

loudness: -7.75
general loudness of the track

mode: 1
estimation of the mode the song is in by The Echo Nest

mode_confidence: 0.434
confidence of the mode estimation

release: Big Tunes - Back 2 The 80s
album name from which the track was taken, some songs / tracks can come from many albums, we give only one

release_7digitalid: 786795
the ID of the release (album) on the service 7digital.com

sections_confidence: shape = (10,)
confidence value (between 0 and 1) associated with each section by The Echo Nest

sections_start: shape = (10,)
start time of each section according to The Echo Nest, this song has 10 sections

segments_confidence: shape = (935,)
confidence value (between 0 and 1) associated with each segment by The Echo Nest

segments_loudness_max: shape = (935,)
max loudness during each segment

segments_loudness_max_time: shape = (935,)
time of the max loudness during each segment

segments_loudness_start: shape = (935,)
loudness at the beginning of each segment

segments_pitches: shape = (935, 12)
chroma features for each segment (normalized so max is 1.)

segments_start: shape = (935,)
start time of each segment (~ musical event, or onset) according to The Echo Nest, this song has 935 segments

segments_timbre: shape = (935, 12)
MFCC-like features for each segment

similar_artists: shape = (100,)
a list of 100 artists (their Echo Nest ID) similar to Rick Astley according to The Echo Nest

song_hotttnesss: 0.864248830588
according to The Echo Nest, when downloaded (December 2010), this song had a 'hotttnesss' of 0.8 (between 0 and 1)

song_id: SOCWJDB12A58A776AF
The Echo Nest song ID, note that a song can be associated with many tracks (with very slight audio differences)

start_of_fade_out: 198.536
start time of the fade out. in seconds, at the end of the song, according to The Echo Nest

tatums_confidence: shape = (794,)
confidence value (between 0 and 1) associated with each tatum by The Echo Nest

tatums_start: shape = (794,)
start time of each tatum according to The Echo Nest, this song has 794 tatums

tempo: 113.359
tempo in BPM according to The Echo Nest

time_signature: 4
time signature of the song according to The Echo Nest, i.e. usual number of beats per bar

time_signature_confidence: 0.634
confidence of the time signature estimation

title: Never Gonna Give You Up
song title

track_7digitalid: 8707738
the ID of this song on the service 7digital.com

track_id: TRAXLZU12903D05F94
The Echo Nest ID of this particular track on which the analysis was done

year: 1987
year when this song was released, according to musicbrainz.org