

Data Dictionary									
Entity	Attribute	Datatype	Regex	Size	Example	Key	Nullability	Default	Description
Concert	concertID	INT	\d+	1 or more	1138	Primary	NOT NULL	-	Auto-incrementing unique identifier for a concert
Concert	playlistID	INT	\d+	1 or more	777	Foreign	NULL	-	Initially optional identifier for a concert's setlist
Concert	location	VARCHAR	\w+	1-100	Royal Albert Hall, London, England	-	NULL	-	Optional address or site of where the concert was played
Concert	date	DATE	\d{4}-(0[1-9] 1[0-2])-(0[1-9] [12]\d 3[01])	10	2019-07-22	-	NULL	-	Optional day of when the concert was played of format 'YYYY-MM-DD'
Playlist	playlistID	INT	\d+	1 or more	777	Primary	NOT NULL	-	Auto-incrementing unique identifier for a playlist/setlist
Playlist	playlistTitle	VARCHAR	\w+	1-100	Coldplay Live in London 2019	-	NOT NULL	-	Custom title of the playlist/setlist
Band	bandID	INT	\d+	1 or more	2187	Primary	NOT NULL	-	Auto-incrementing unique identifier for a band/solo artist
Band	bandName	VARCHAR	\w+	1-100	Coldplay	-	NOT NULL	-	Name of the band/solo artist
Artist	artistID	INT	\d+	1 or more	2199	Primary	NOT NULL	-	Auto-incrementing unique identifier for an artist/a band member
Artist	fName	VARCHAR	\w+	1-100	Chris	-	NOT NULL	-	First name of the artist/band member
Artist	lName	VARCHAR	\w+	1-100	Martin	-	NULL	-	Optional surname of the artist/band member
Album	albumID	INT	\d+	1 or more	523	Primary	NOT NULL	-	Auto-incrementing unique identifier for an album
Album	albumTitle	VARCHAR	\w+	1-100	Ghost Stories Live 2014	-	NOT NULL	-	Title of the album
Album	liveRecording	BOOL	(TRUE FALSE) [01]	1 or 4-5	TRUE or 1	-	NULL	FALSE or 0	Optional indication of whether the album was recorded live or in studio
Label	labelID	INT	\d+	1 or more	42	Primary	NOT NULL	-	Auto-incrementing unique identifier for a record label
Label	labelName	VARCHAR	\w+	1-100	Parlophone	-	NOT NULL	-	Name of a record label
Song	songID	INT	\d+	1 or more	98721	Primary	NOT NULL	-	Auto-incrementing unique identifier for a song
Song	songTitle	VARCHAR	\w+	1-100	Always in My Head	-	NOT NULL	-	Title of the song
Song	duration	TIME	([01]\d 2[0-3])(:([0-5]\d)){2}	8	00:03:36	-	NULL	-	Optional indication of the time length of the song
Song	lyrics	VARCHAR	\w+	1-5,000	I think of you...	-	NULL	-	Optional listing of the lyrics to the song
BandArtist	bandArtistID	INT	\d+	1 or more	339	Primary	NOT NULL	-	Auto-incrementing unique identifier between a band and artist
BandArtist	bandID	INT	\d+	1 or more	2187	Foreign	NOT NULL	-	Identifier for a band/solo artist
BandArtist	artistID	INT	\d+	1 or more	2199	Foreign	NOT NULL	-	Identifier for an artist/a band member
BandAlbum	bandAlbumID	INT	\d+	1 or more	12	Primary	NOT NULL	-	Auto-incrementing unique identifier between a band and an album
BandAlbum	bandID	INT	\d+	1 or more	2187	Foreign	NOT NULL	-	Identifier for a band/solo artist
BandAlbum	albumID	INT	\d+	1 or more	523	Foreign	NOT NULL	-	Identifier for an album
BandSong	bandSongID	INT	\d+	1 or more	25	Primary	NOT NULL	-	Auto-incrementing unique identifier between a band and song
BandSong	bandID	INT	\d+	1 or more	2187	Foreign	NOT NULL	-	Identifier for a band/solo artist
BandSong	songID	INT	\d+	1 or more	98721	Foreign	NOT NULL	-	Identifier for a song
AlbumSong	albumSongID	INT	\d+	1 or more	56	Primary	NOT NULL	-	Auto-incrementing unique identifier between an album and a song
AlbumSong	albumID	INT	\d+	1 or more	523	Foreign	NOT NULL	-	Identifier for an album
AlbumSong	songID	INT	\d+	1 or more	98721	Foreign	NOT NULL	-	Identifier for a song
PlaylistSong	playlistSongID	INT	\d+	1 or more	101	Primary	NOT NULL	-	Auto-incrementing unique identifier between a playlist and song
PlaylistSong	playlistID	INT	\d+	1 or more	777	Foreign	NOT NULL	-	Identifier for a playlist
PlaylistSong	songID	INT	\d+	1 or more	98721	Foreign	NOT NULL	-	Identifier for a song
AlbumLabel	albumLabelID	INT	\d+	1 or more	243	Primary	NOT NULL	-	Auto-incrementing unique identifier between an album and a label
AlbumLabel	albumID	INT	\d+	1 or more	523	Foreign	NOT NULL	-	Identifier for an album
AlbumLabel	labelID	INT	\d+	1 or more	42	Foreign	NOT NULL	-	Identifier for a record label