

Main Layout

Table artist			
* Pk	artist_id	varchar	
	name	varchar	
	location	varchar	
	latitude	varchar	
	longitude	varchar	
Indexes			
Pk	artist_pkey	artist_id	

Table songplays			
* Pk	songplay_id	integer	
*	start_time	bigint	
*	user_id	integer	
	level	varchar	
	song_id	varchar	
	artist_id	varchar	
	session_id	integer	
	location	varchar	
	user_agent	varchar	
Indexes			
Pk	songplays_pkey	songplay_id	
Foreign Keys			
	fk_songplays_time (start_time) ref time (start_time)		
	fk_songplays_songs (song_id) ref songs (song_id)		
	fk_songplays_artist (artist_id) ref artist (artist_id)		
	fk_songplays_users (user_id) ref users (user_id)		

Table songs			
* Pk	song_id	varchar	
	title	varchar	
	artist_id	varchar	
	year	integer	
	duration	numeric	
Indexes			
Pk	songs_pkey	song_id	

Table time		
* Pk	start_time	bigint
	hour	integer
	day	integer
	week	integer
	month	integer
	year	integer
	weekday	varchar
Indexes		
Pk	time_pkey	start_time

Table users		
* Pk	user_id	integer
	first_name	varchar
	last_name	varchar

Table users		
	gender	varchar
	level	varchar
Indexes		
Pk	users_pkey	user_id