

time

PK

start_time **TIMESTAMP NOT NULL**
hour **INTEGER**
day **INTEGER**
week **INTEGER**
month **INTEGER**
year **INTEGER**
weekday **INTEGER**

users

PK

user_id **INTEGER**
first_name **TEXT**
last_name **TEXT**
gender **CHAR(1)**
level **TEXT**

songplay

PK

songplay_id (**INTEGER IDENTITY(1,1) NOT NULL**)
start_time **TIMESTAMP NOT NULL**,
user_id **INTEGER**,
level **TEXT**,
song_id **VARCHAR NOT NULL**,
artist_id **VARCHAR NOT NULL**,
session_id **INTEGER**,
location **VARCHAR**,
user_agent **TEXT**

artists

PK

artist_id **VARCHAR NOT NULL**
name **VARCHAR**
location **TEXT**
latitude **NUMERIC**
longitude **NUMERIC**

songs

PK

song_id **VARCHAR NOT NUL**
title **TEXT**,
artist_id **VARCHAR NOT NULL**,
year **INTEGER**,
duration **NUMERIC**