Songs Bucket

events Bucket

Step1
Stage S3 Buckets into
redshift cluster staging
tables

staging_events	
staging_events_id	PK
artist	
firstName	
gender	
itemInSession	
lastName	
length	
level	
location	
method	
page	
registration	
sessionId	
song	
status	
ts	
userAgent	
userId	

staging_songs	
staging_songs_id	PK
num_songs	
artist_id	
artist_latitude	
artist_longitude	
artist_location	
artist_name	
song_id	
title	
duration	
year	

Step2
Transfer data from staging
tables to filnal tables used by
analytic team

time	
start_time	PK
hour	
day	
week	
month	
year	
weekday	

user	
user_id PK	
first_name	
last_name	
gender	
level	

Songplays	
songplay_id PK	
start_time	
user_id	
level	
song_id	
artist_id	
session_id	
location	
user_agent	

song	
song_id	PK
title	
artist_id	
year	
duration	

artist	
artist_id	PK
name	
location	
latitude	
longitude	