

Unit 03.03

## Data Models and Relational SQL: Inserting Data

### **USING DATABASES WITH PYTHON**

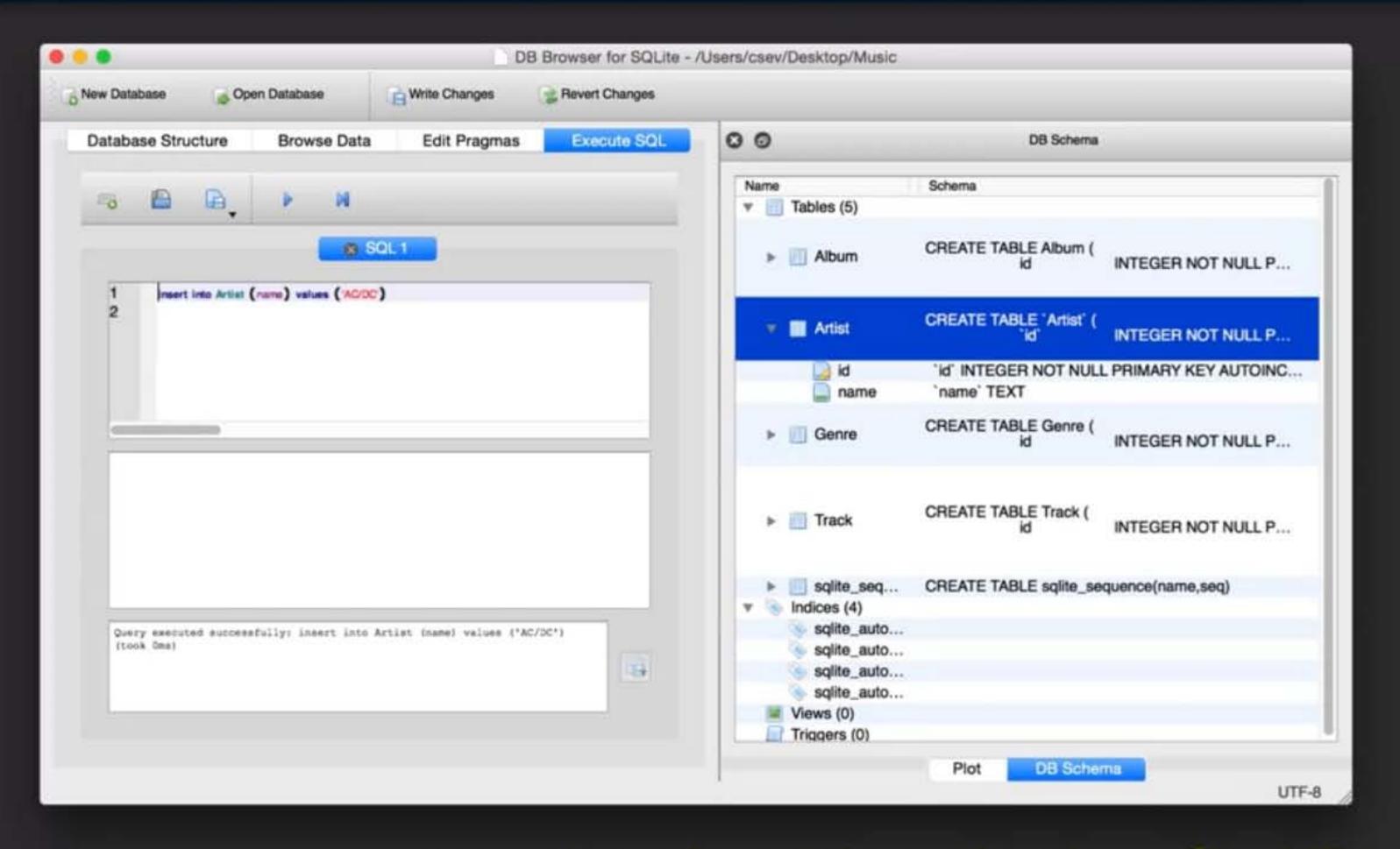
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#### 03.03 Data Models and Relational SQL: Inserting Data



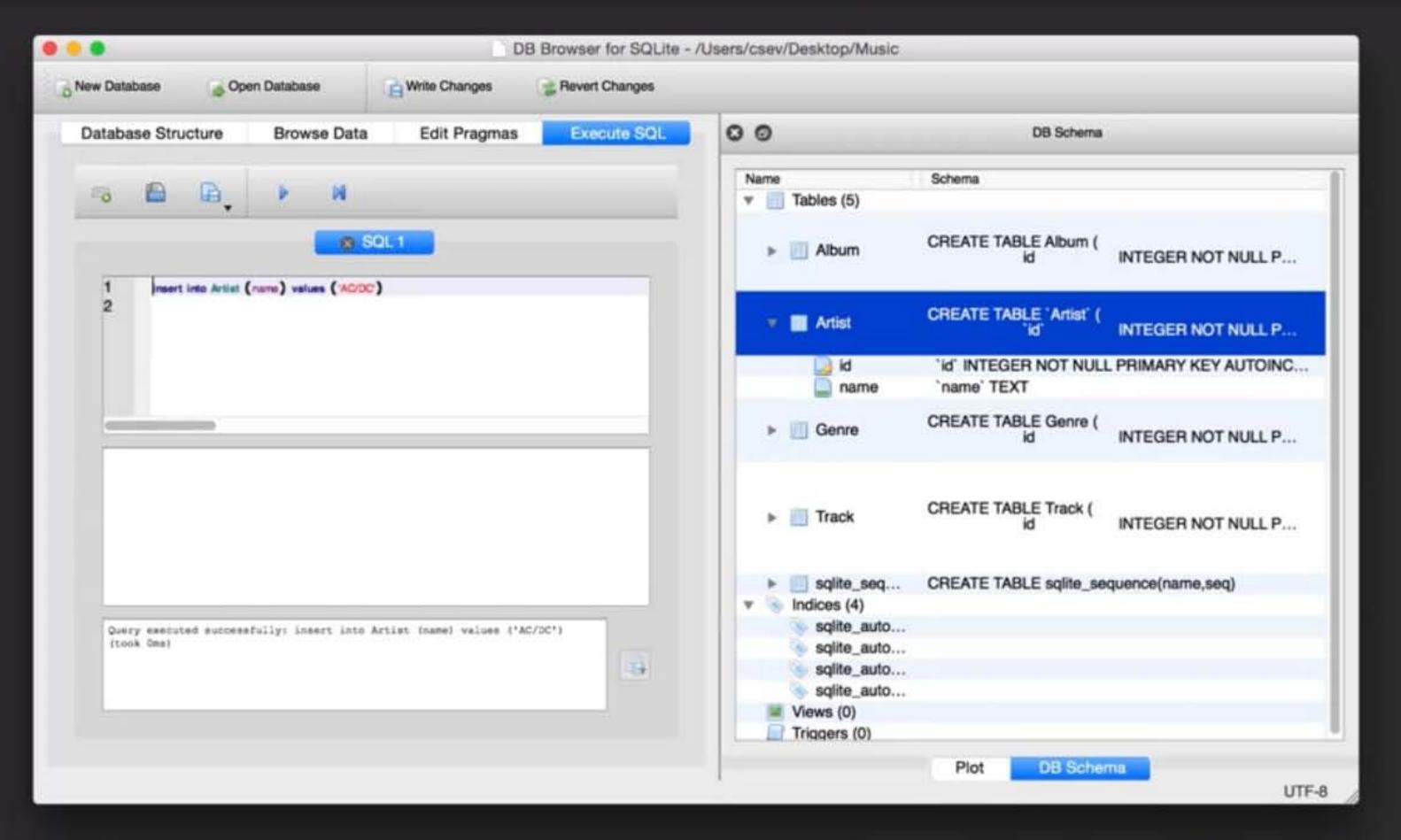


insert into Artist (name) values ('Led Zepplin')
ins Just like we're inserting data from
kind of like the outward simple things

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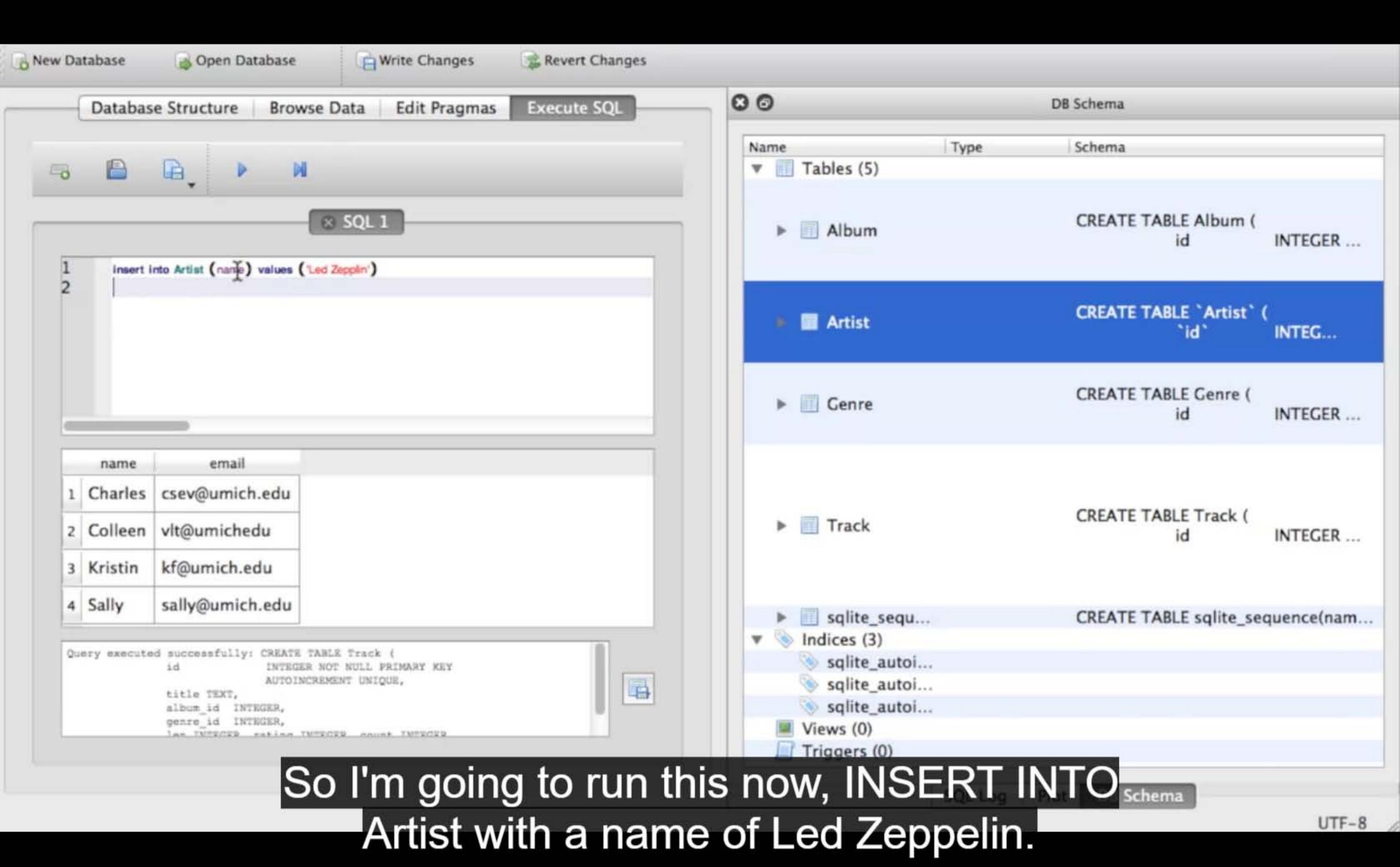


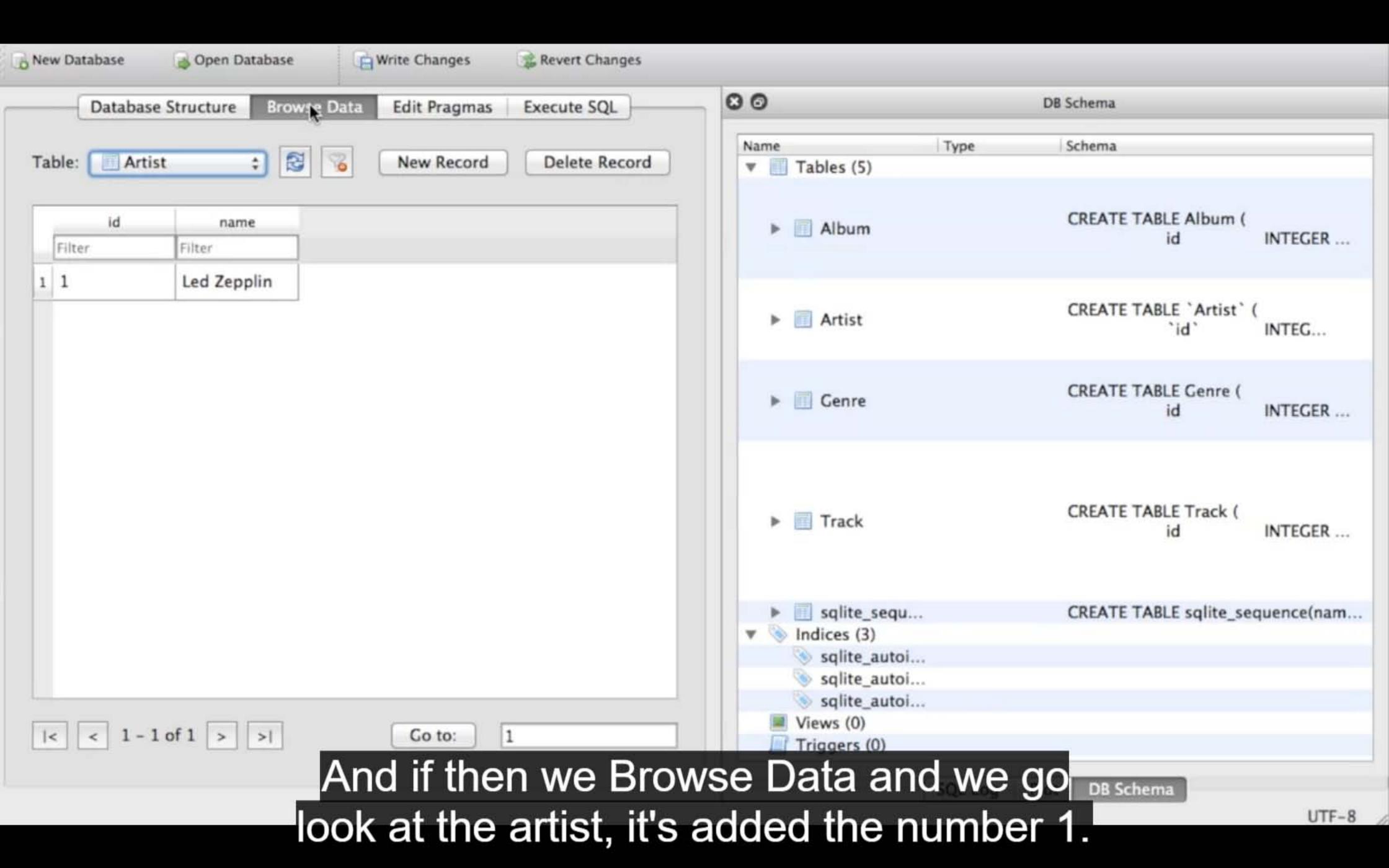


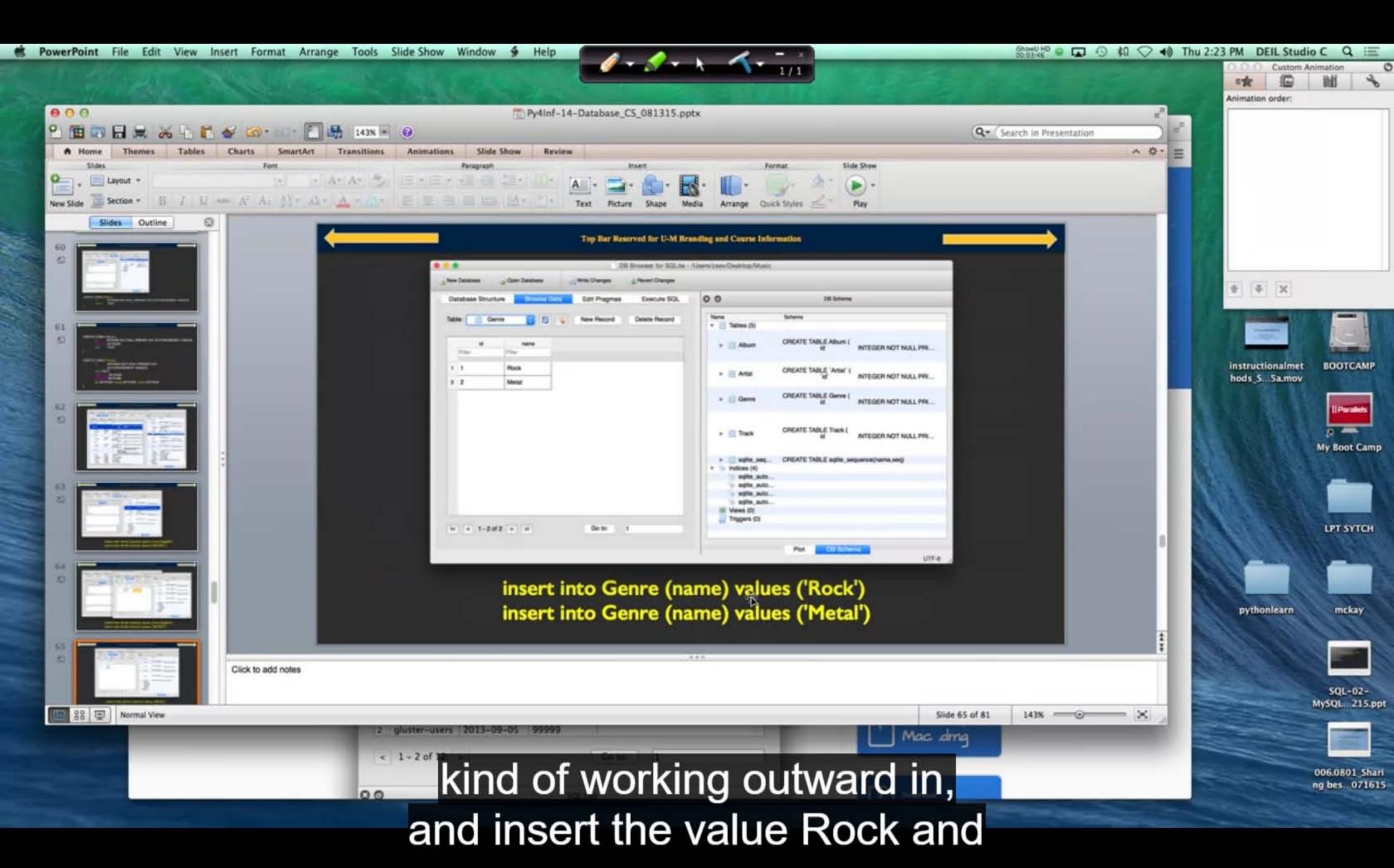


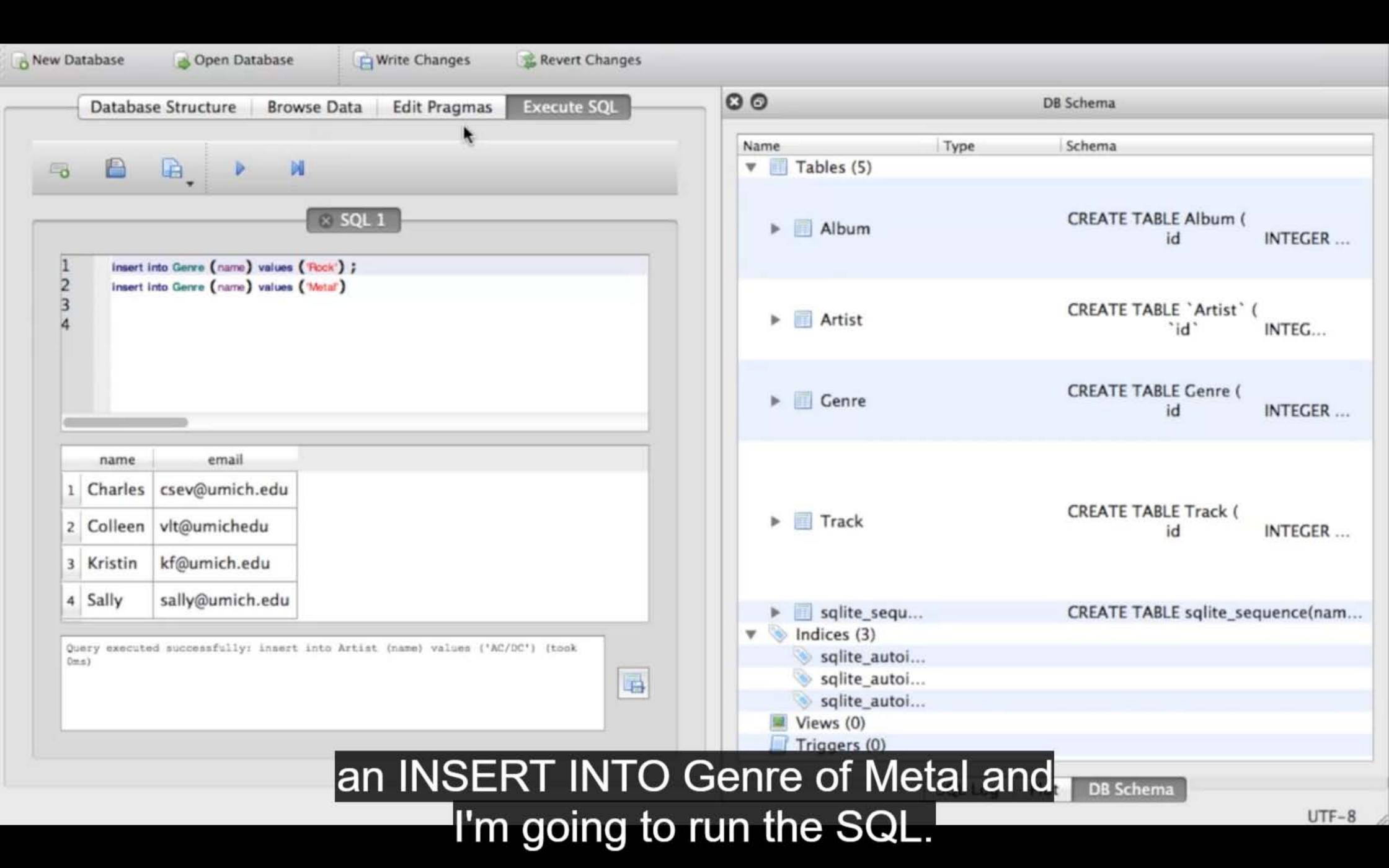
insert into Artist (name) values ('Led Zepplin') to the more central ones, we're going to do the same thing when we insert data

D





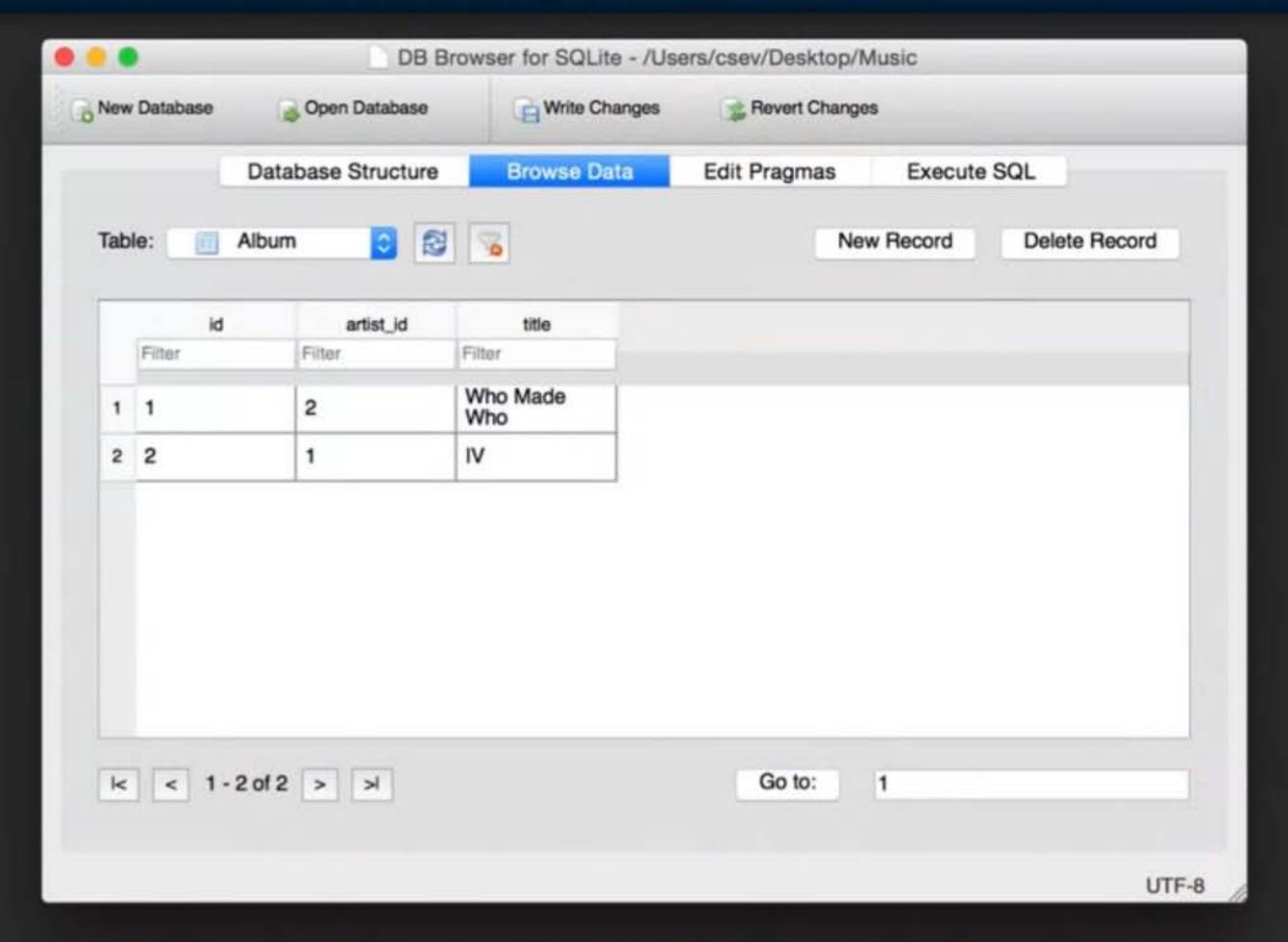




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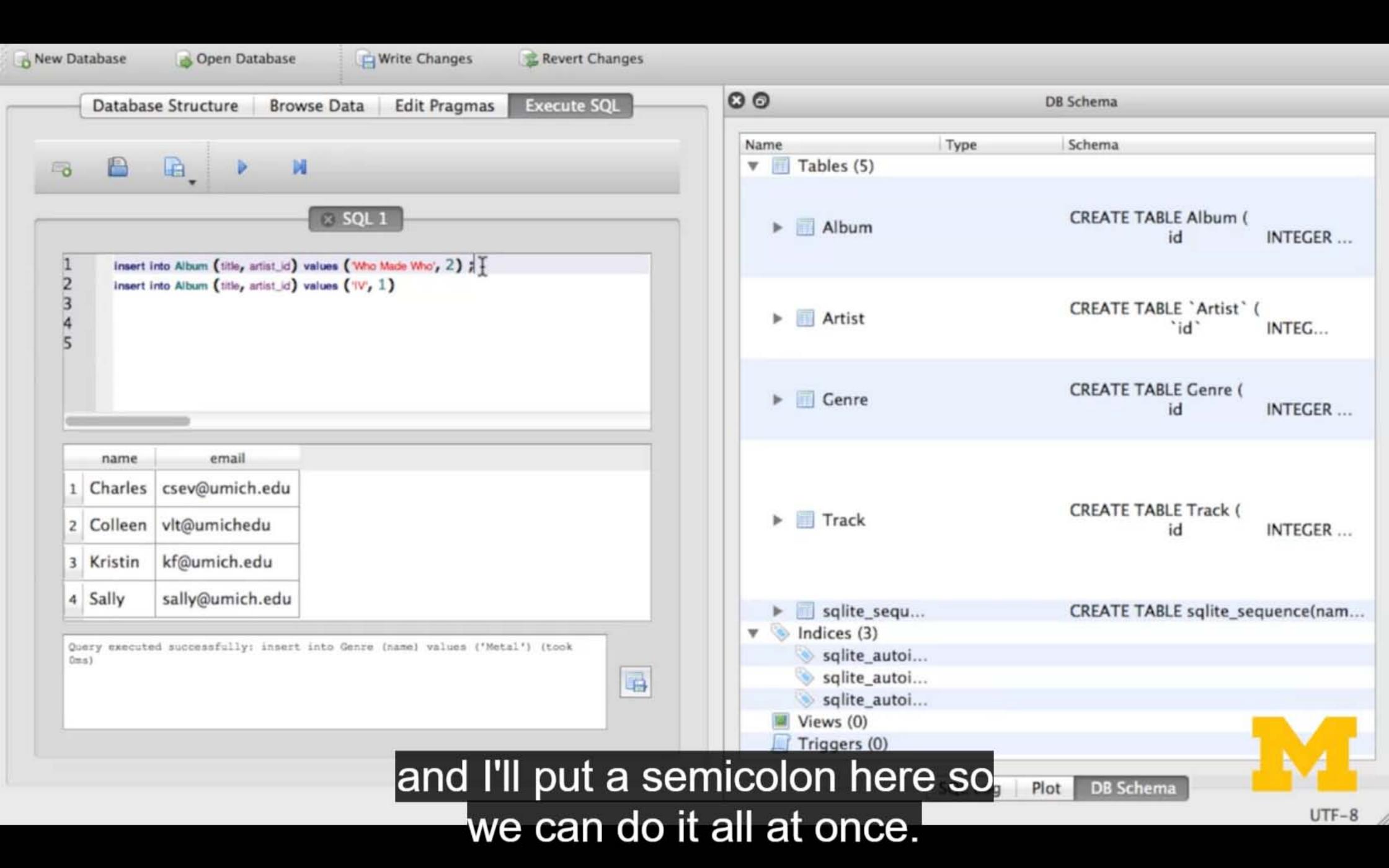




insert into Album (title, artist\_id) values ('Who Made Who', 2) insert into Album (title, artist\_id) values ('IV', I)









insert into Track (title, rating, len, count, album\_id, genre\_id) values ('Black Dog', 5, 297, 0, 2, 1)

insert into Track (title, rating, len, count, album\_id, genre\_id) values ('Stairway', 5, 482, 0, 2, 1)

insert into Track (title, rating, len, count, album\_id, genre\_id) values ('About to Rock', 5, 313, 0, 1, 2)

insert into Track (title, rating, len, count, album\_id, genre\_id) values ('Who Made Who', 5, 207, 0, 1, 2)

	id	title	album_id	genre_id	len	rating	count
	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1	Black Dog	2	1	297	5	0
2	2	Stairway	2	1	482	5	0
3	3	About to Rock	1	2	313	5	0
4	4	Who Made Who	1	2	207	5	0



# We have relationships!

id	title	album_id	genre_id	len	rating	count
ilter	Filter	Filter	Filter	Filter	Filter	Filter
1	Black Dog	2	1	297	5	0
2	Stairway	2	1	482	5	0
3	About to Rock	1	2	313	5	0
4	Who Made Who	1	2	207	5	0

**Track** 

**Album** 



id	name
Filter	Filter
1	Rock
2	Metal

Genre

**Artist** 

So if you look at all these tables, we've constructed them outwardly in.

Led Zepplin