

Table: Albums (Un-normalized)

Field	Sample
Album ID Number	27
Album Title	7
Album Release Date	6/21/19
Album Length	18:44
Albums Sold in US	3000000
Album Primary Artist	Lil Nas X
Label Name	Columbia
Label Address	550 Madison Ave, New York, NY 10022
Label Phone No.	(212) 833-8000
Label Website	www.columbiarecords.com
Genre 1	Hip-Hop/Rag
Genre 2	Country rap
Chart Name 1	Australian Albums (ARIA)
Chart Debut Position 1	14
Chart Peak Position 1	1
Chart Name 2	Billboard Hot 100
Chart Debut Position 2	15
Chart Peak Position 2	1
Chart Name 3	Billboard Hot Country Songs
Chart Debut Position 3	19
Chart Peak Position 3	removed
Track Title 1	Old Town Road
Track Length 1	2:37
Track Title 2	Panini
Track Length 2	1:55
Track Title 3	F9amily (You & Me)
Track Length 3	2:43

1NF

Albums (Table 1)
Album ID (PK)
Album Title
Album Release Date
Album Length
Sold in US
Primary Artist
Label Name
Label Address
Label Phone No.
Label Website

Genre (Table 2)

Album ID (CPK)
genre_id (CPK)
Genre

Charts (Table 3)

Album ID (CPK)
charts_id (CPK)
Name
Debut Position
Peak Position

Track (Table 4)

Album ID (CPK)
track_id (CPK)
Track Title
Track Length

2NF

Albums (Table 1)
Album ID (PK)
Album Title
Album Release Date
Album Length
Sold in US
Primary Artist
Label Name
Label Address
Label Phone No.
Label Website

Album Genre (Table 2)

Album ID (CPK)
genre_id (CPK)

Genres (Tables 3)

genre_id (CPK)
Genre

Charts (Table 4)

Album ID (CPK)
charts_id (CPK)
Debut Position
Peak Position

Charts (Table 5)

charts_id (CPK)
Name

Track (Table 6)

Album ID (CPK)
Track Title
Track Length

3NF

Albums (Table 1)
Album ID (PK)
Album Title
Album Release Date
Album Length
Sold in US
Primary Artist
Label_id (FK)

Album Labels (Table 2)

Label_id (PK)
Label Name
Label Address
Label Phone No.
Label Website

Album Genre (Table 3)

Album ID (CPK)
genre_id (CPK)

Genres (Tables 4)

genre_id (CPK)
Genre

Charts (Table 5)

Album ID (CPK)
charts_id (CPK)
Debut Position
Peak Position

Charts (Table 6)

charts_id (CPK)
Name

Track (Table 7)

Album ID (CPK)
Track Title
Track Length