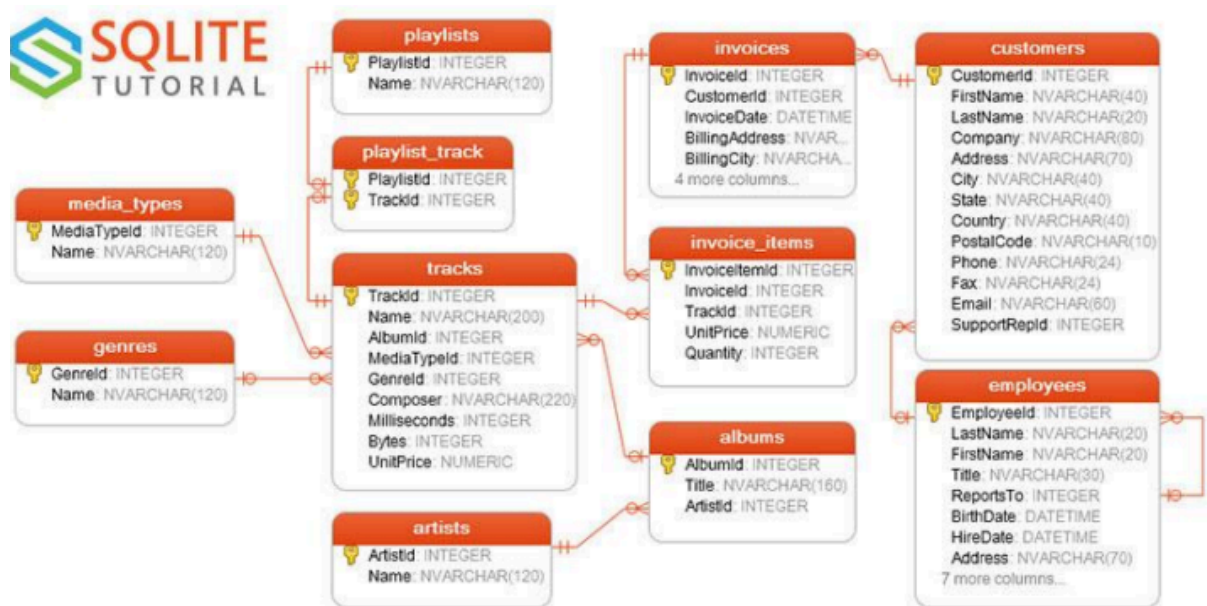


# Prova Prática 01 de Banco de Dados



Construa as seguintes sentenças SQL:

1) Listar os seguinte dados das tabelas: invoices (InvoiceId, invoiceDate), invoice\_items (Invoiceitemid, unitprice), total\_da\_fatura (resultado do somatório de todos os unitprice).

```
SQL 1
1 SELECT invoices.InvoiceId,
2       invoices.InvoiceDate,
3       invoice_items.InvoiceLineId,
4       SUM(UnitPrice)
5 FROM invoices
6 INNER JOIN invoice_items
7 ON invoices.InvoiceId = invoice_items.InvoiceId
```

	InvoiceId	InvoiceDate	InvoiceLineId	SUM(UnitPrice)
1	1	2009-01-01 00:00:00	1	2328.599999999996

2) Listar os seguinte dados das tabelas: tracks (Trackid, Name, Albumid), albums (Title, Artistid), artists(Name).

SQL 1						
1	SELECT tracks.TrackId,					
2	tracks.name,					
3	tracks.AlbumId,					
4	albums.Title,					
5	albums.ArtistId,					
6	artists.Name					
7	FROM tracks					
8	INNER JOIN albums ON tracks.AlbumId = albums.AlbumId					
9	INNER JOIN artists ON albums.ArtistId = artists.ArtistId					
	TrackId	Name	AlbumId	Title	ArtistId	Name
1	1	For Those About To Rock (We Salute You)	1	For Those About To Rock We Salute You	1	AC/DC
2	6	Put The Finger On You	1	For Those About To Rock We Salute You	1	AC/DC
3	7	Let's Get It Up	1	For Those About To Rock We Salute You	1	AC/DC
4	8	Inject The Venom	1	For Those About To Rock We Salute You	1	AC/DC
5	9	Snowballed	1	For Those About To Rock We Salute You	1	AC/DC
6	10	Evil Walks	1	For Those About To Rock We Salute You	1	AC/DC
7	11	C.O.D.	1	For Those About To Rock We Salute You	1	AC/DC
8	12	Breaking The Rules	1	For Those About To Rock We Salute You	1	AC/DC
9	13	Night Of The Long Knives	1	For Those About To Rock We Salute You	1	AC/DC
10	14	Spellbound	1	For Those About To Rock We Salute You	1	AC/DC
11	2	Balls to the Wall	2	Balls to the Wall	2	Accept

3) Listar os seguintes dados das tabelas: tracks(Trackid, Name, Milliseconds), mediatypes (MediaTypeId, name), genres (GenreId, name). Selecionar as tracks com milliseconds > 2000000.

SQL 1

```

1 SELECT tracks.TrackId,
2       tracks.name,
3       tracks.Milliseconds,
4       media_types.MediaTypeId,
5       media_types.name,
6       genres.GenreId,
7       genres.Name
8 FROM tracks
9 INNER JOIN media_types ON tracks.MediaTypeId = media_types.MediaTypeId
10 INNER JOIN genres ON tracks.GenreId = genres.GenreId
11 WHERE Milliseconds > 2000000

```

	TrackId	Name	Milliseconds	MediaTypeId	Name	GenreId	Name
1	2819	Battlestar Galactica: The Story So Far	2622250	3	Protected MPEG-4 video file	18	Science Fiction
2	2825	A Measure of Salvation	2563938	3	Protected MPEG-4 video file	18	Science Fiction
3	2826	Hero	2713755	3	Protected MPEG-4 video file	18	Science Fiction
4	2827	Unfinished Business	2622038	3	Protected MPEG-4 video file	18	Science Fiction
5	2828	The Passage	2623875	3	Protected MPEG-4 video file	18	Science Fiction
6	2829	The Eye of Jupiter	2618750	3	Protected MPEG-4 video file	18	Science Fiction
7	2830	Rapture	2624541	3	Protected MPEG-4 video file	18	Science Fiction
8	2831	Taking a Break from All Your Worries	2624207	3	Protected MPEG-4 video file	18	Science Fiction
9	2832	The Woman King	2626376	3	Protected MPEG-4 video file	18	Science Fiction
10	2833	A Day In the Life	2620245	3	Protected MPEG-4 video file	18	Science Fiction
11	2834	Dirty Hands	2627961	3	Protected MPEG-4 video file	18	Science Fiction

Observação: todos os comandos acima envolvem o uso da cláusula join no select.