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6 PLATAFORMAS

DE STREAMING

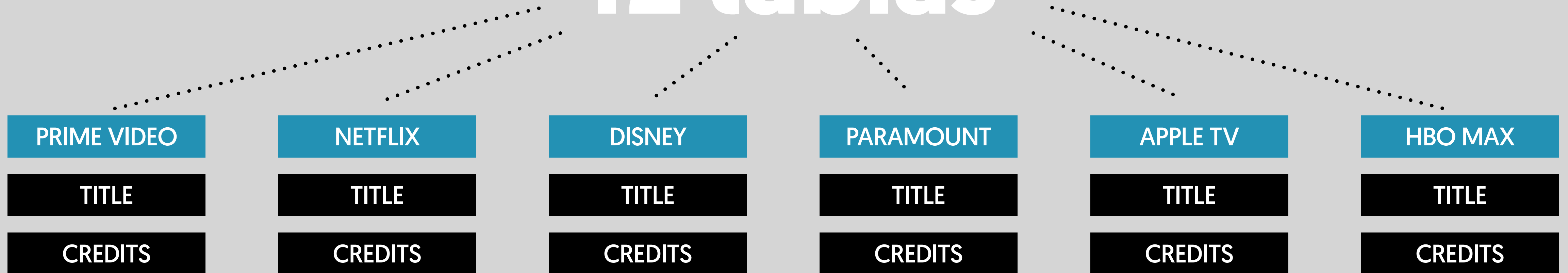
23271

PELÍCULAS/SERIES



DESCARGAMOS

12 tablas



`concat + groupby`

2 tablas

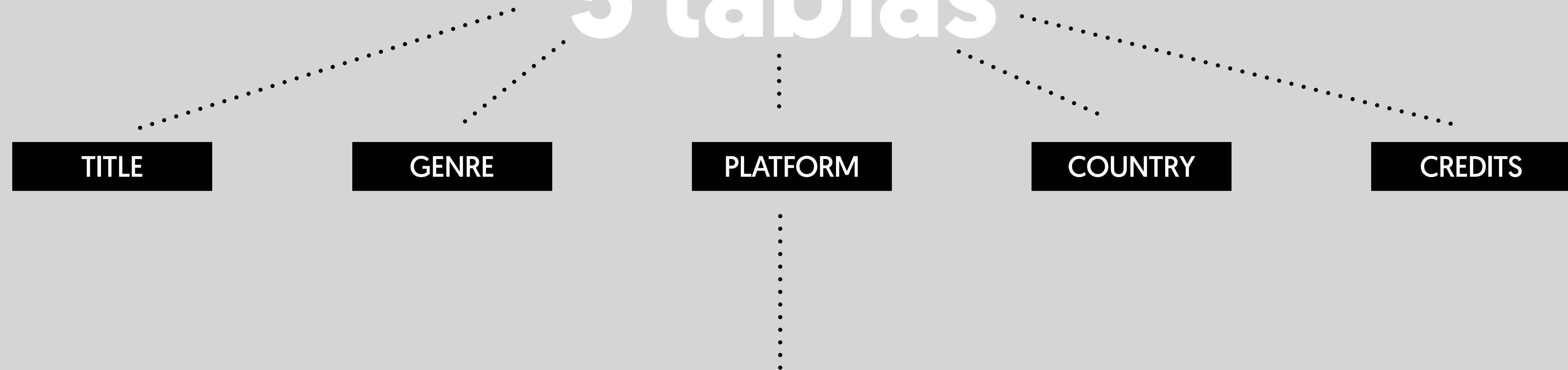




explode

Dividimos el contenido en

5 tablas



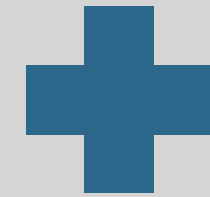
¿Cómo unimos las tablas?

1ª DIFICULTAD

¿Cómo unimos las tablas?

PRIMARY KEY

ID_TITLES



Creamos 3 tablas

intermedias

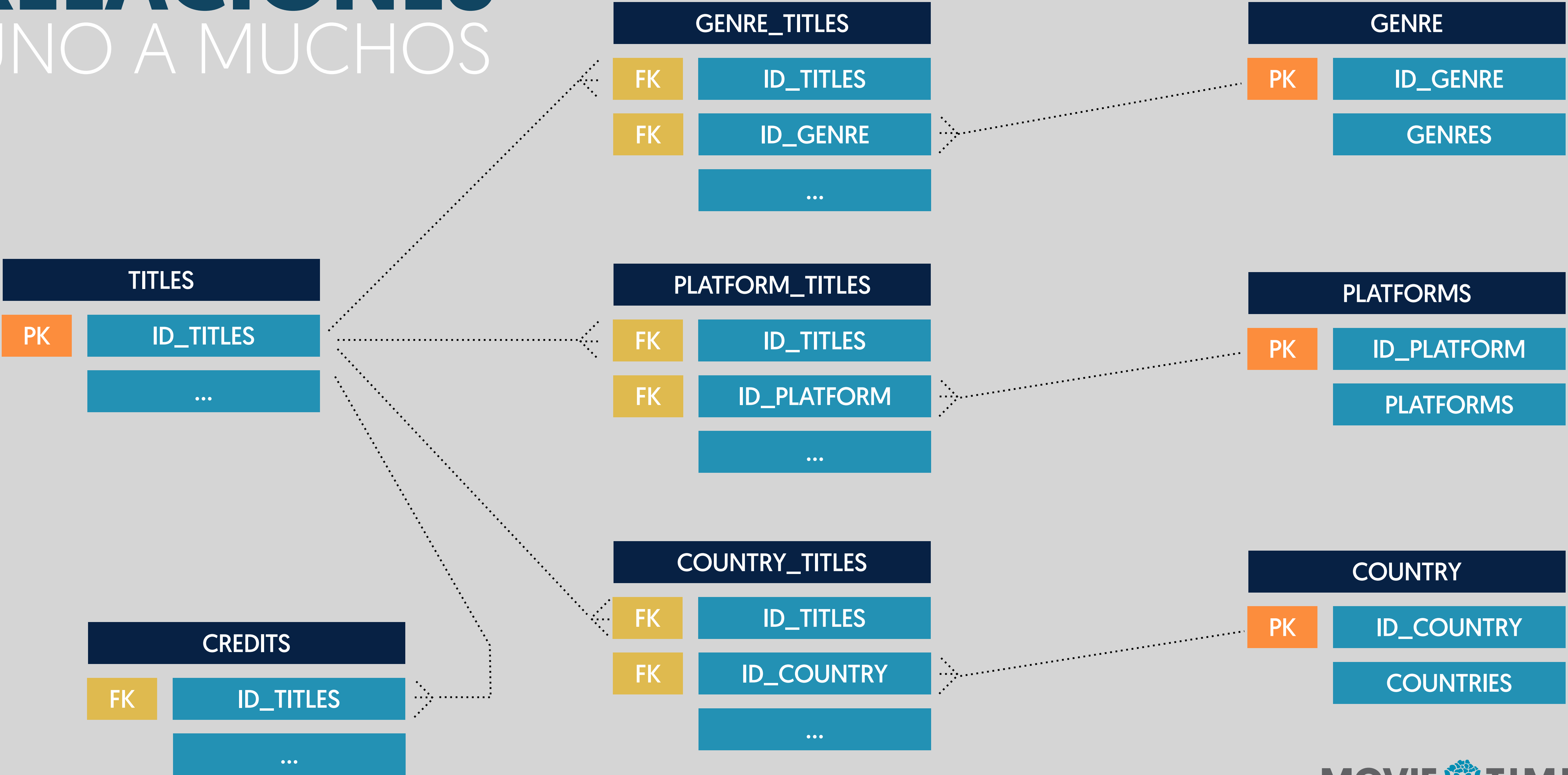
GENRE_TITLES

PLATFORM_TITLES

COUNTRY_TITLES

RELACIONES

UNO A MUCHOS



Importaciones de datos

en los diferentes ordenadores

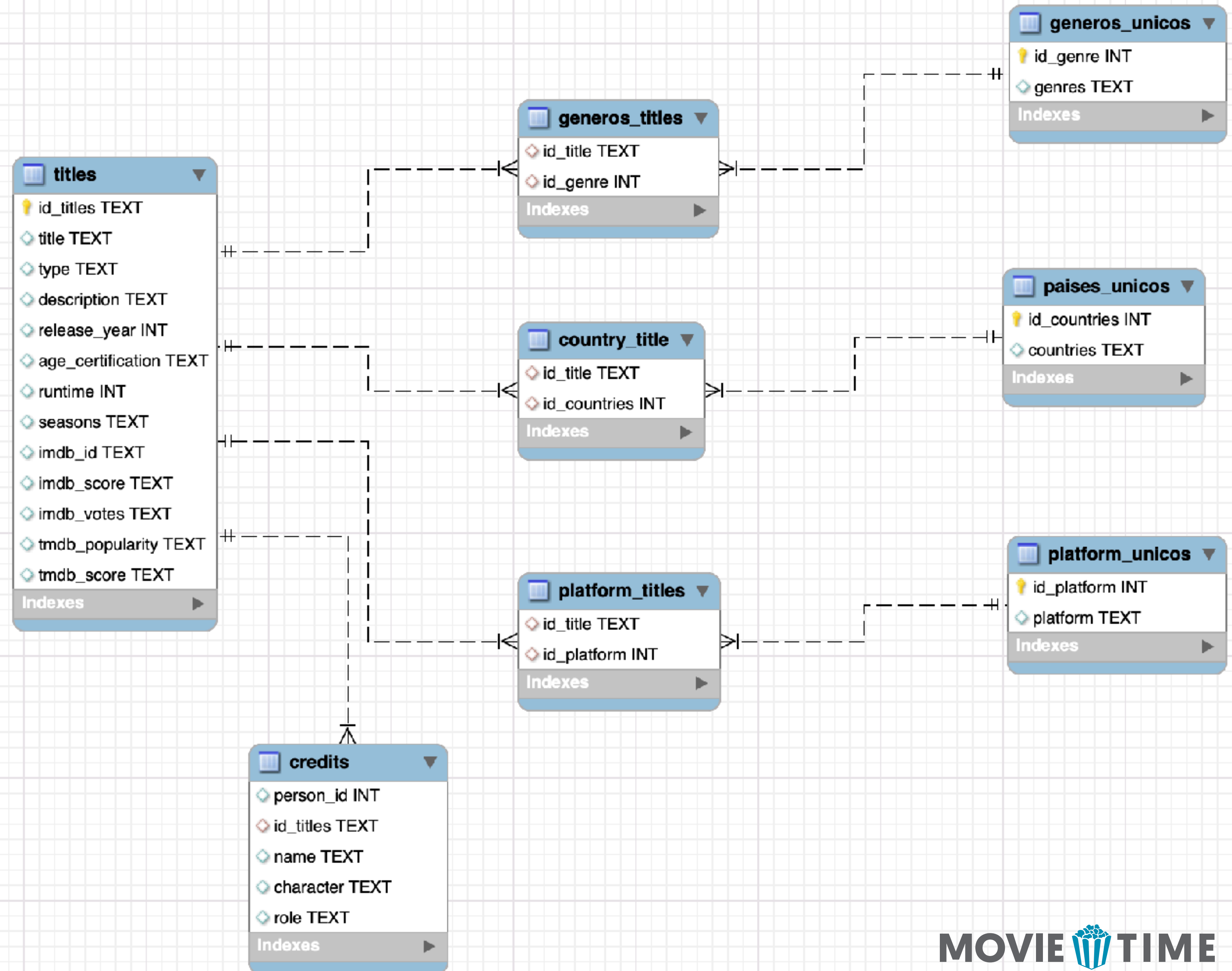
2ª DIFICULTAD

Importaciones **incompletas** de 37 titles



data export + dumping sql

DIAGRAMA RELACIONAL COMPLETO



CONSULTAS SQL

Año con más **estrenos**

```
SELECT  
    release_year,  
    COUNT(*) AS release_count  
FROM  
    titles  
GROUP BY  
    release_year  
ORDER BY  
    release_count DESC  
LIMIT 1;
```

2021

2506
ESTRENOS

Países con más producciones

```
SELECT
    paises_unicos.countries,
    COUNT(*) AS production_count
FROM
    titles
JOIN
    country_title
    ON titles.id_titles= country_title.id_title
JOIN
    paises_unicos
    ON country_title.id_countries = paises_unicos.id_countries
GROUP BY
    paises_unicos.countries
ORDER BY
    production_count DESC
LIMIT 5;
```



countries	production_count
US	13525
GB	1981
IN	1825
CA	1079
FR	808

¿Cuántas películas hay por plataforma?




```
SELECT pu.id_platform AS platform_name,  
       COUNT(pt.id_title) AS total_movies
```

```
FROM platform_unicos pu
```

```
JOIN platform_titles pt ON pu.id_platform = pt.id_platform
```

```
GROUP BY pu.id_platform
```

```
ORDER BY total_movies DESC;
```

	total_movies
	10873
	6137
	3182
	3030
	1854
	170


Número de películas y show por plataforma

```
SELECT
  t.type,
  pu.platform AS platform_name,
  COUNT(*) AS count
FROM
  titles t
JOIN
  platform_titles pt ON t.id_titles = pt.id_title
JOIN
  platform_unicos pu ON pt.id_platform = pu.id_platform
GROUP BY
  t.type, pu.platform
ORDER BY
  t.type, pu.platform;
```

type	platform_name	count
MOVIE	Amazon Prime	9305
MOVIE	AppleTV	62
MOVIE	Disney	1311
MOVIE	HBO	2399
MOVIE	Netflix	3829
MOVIE	Paramount	2514
SHOW	Amazon Prime	1524
SHOW	AppleTV	108
SHOW	Disney	539
SHOW	HBO	617
SHOW	Netflix	2297
SHOW	Paramount	651

¿Cuántas películas hay por género?

```
WITH genre_counts AS (  
  SELECT g.genres, COUNT(gt.id_title) AS total_titles  
  FROM generos_unicos g  
  JOIN generos_titles gt ON g.id_genre = gt.id_genre  
  GROUP BY g.genres  
)  
SELECT * FROM genre_counts  
WHERE total_titles > 10  
ORDER BY total_titles DESC;
```



genres	total
drama	10816
comedy	8171
thriller	4541
action	4303
documentation	3996
romance	3668
crime	3049
family	2850
animation	2255
scifi	2097
fantasy	2088
horror	1910
european	1551
music	1140
history	1075
reality	707
war	673
western	603
sport	367

¿Qué plataforma
tiene mejor score
en imdb?

```
SELECT
    pu.id_platform AS platform_name,
    AVG(t.imdb_score) AS avg_imdb_score
FROM
    titles t
JOIN
    platform_titles pt ON t.id_titles = pt.id_title
JOIN
    platform_unicos pu ON pt.id_platform = pu.id_platform
GROUP BY
    pu.id_platform
ORDER BY
    avg_imdb_score DESC
LIMIT 1;
```

 **tv+**

7.00058

⋮

170
TÍTULOS
SOLAMENTE

¿Qué actor/actriz aparece en más películas/series?



Scooby Doo,
The Real Ghostbusters,
Megatron....

```
SELECT name AS actor_name, COUNT(id_titles) AS appearances
FROM credits
WHERE role = 'actor'
GROUP BY name
HAVING COUNT(id_titles) > 5
ORDER BY appearances DESC
LIMIT 10;
```

actor_name	appearances
Frank Welker	135
Grey DeLisle	111
Fred Tatasciore	109
Dee Bradley Baker	101
Tara Strong	98
Bess Flowers	92
Kevin Michael Richardson	92
Jeff Bennett	90
George 'Gabby' Hayes	84
Jim Cummings	79

Ranking de los géneros según si es películas o show

```
SELECT
  titles.type,
  generos_unicos.genres AS genre,
  COUNT(*) AS genre_count
FROM
  titles
JOIN
  generos_titles ON
  titles.id_titles = generos_titles.id_title
JOIN
  generos_unicos ON g
  eneros_titles.id_genre = generos_unicos.id_genre
GROUP BY
  titles.type,
  generos_unicos.genres
ORDER BY
  titles.type,
  genre_count DESC;
```

Películas		Shows	
genre	genre_count	genre	genre_count
drama	8400	drama	2383
comedy	6123	comedy	2008
thriller	3735	documentation	1113
action	3296	animation	1097
romance	3062	family	1045
documentation	2872	action	992
crime	2226	scifi	894
family	1782	crime	815
horror	1664	thriller	795
fantasy	1338	fantasy	735

GRACIAS

MOVIE  TIME