# ESQUEMA BBDD

He preferido presentar el esquema en formato textual detallado porque permite un repaso más claro de las claves y relaciones, y facilita futuras consultas o ajustes sobre el modelo lógico sin necesidad de herramientas adicionales.

## Esquema lógico (modelo relacional)

**1. language**

**PK:** language\_id  
**Campos:** name, last\_update

**2. film**

**PK:** film\_id  
**Campos:** title, description, release\_year, language\_id (FK), original\_language\_id (FK, puede ser NULL), rental\_duration, rental\_rate, length, replacement\_cost, rating, last\_update, fulltext  
**FKs:**

* language\_id → language(language\_id)
* original\_language\_id → language(language\_id)

**3. actor**

**PK:** actor\_id  
**Campos:** first\_name, last\_name, last\_update

**4. category**

**PK:** category\_id  
**Campos:** name, last\_update

**5. film\_actor**

**PK compuesta:** (film\_id, actor\_id)  
**Campos:** last\_update  
**FKs:**

* film\_id → film(film\_id)
* actor\_id → actor(actor\_id)

**6. film\_category**

**PK compuesta:** (film\_id, category\_id)  
**Campos:** last\_update  
**FKs:**

* film\_id → film(film\_id)
* category\_id → category(category\_id)

**7. store**

**PK:** store\_id  
**Campos:** manager\_staff\_id (FK), address\_id (FK), last\_update

**8. inventory**

**PK:** inventory\_id  
**Campos:** film\_id (FK), store\_id (FK), last\_update

**9. customer**

**PK:** customer\_id  
**Campos:** store\_id (FK), address\_id (FK), first\_name, last\_name, email, activebool, create\_date, last\_update

**10. staff**

**PK:** staff\_id  
**Campos:** first\_name, last\_name, address\_id (FK), email, store\_id (FK), active, username, password, picture, last\_update

**11. rental**

**PK:** rental\_id  
**Campos:** rental\_date, inventory\_id (FK), customer\_id (FK), return\_date, staff\_id (FK), last\_update

**12. payment**

**PK:** payment\_id  
**Campos:** customer\_id (FK), staff\_id (FK), rental\_id (FK), amount, payment\_date

**13. address**

**PK:** address\_id  
**Campos:** address, address2, district, city\_id (FK), postal\_code, phone, last\_update

**14. city**

**PK:** city\_id  
**Campos:** city, country\_id (FK), last\_update

**15. country**

**PK:** country\_id  
**Campos:** country, last\_update

### Relaciones principales y cardinalidades (medio caoticas pero va):

* language 1 ─── \* film (por language\_id y original\_language\_id)
* film \* ─── \* actor (via film\_actor)
* film \* ─── \* category (via film\_category)
* film 1 ─── \* inventory; store 1 ─── \* inventory
* inventory 1 ─── \* rental; customer 1 ─── \* rental; staff 1 ─── \* rental
* rental 1 ─── \* payment
* store 1 ─── \* customer
* store 1 ─── \* staff
* country 1 ─── \* city 1 ─── \* address
* address 1 ─── \* (customer | staff | store)