1. Use [dbdiagram.io](https://dbdiagram.io/home) or [draw.io](https://draw.io/) to propose a new structure for the Sakila database.

A picture containing text

Description automatically generated

2-Define primary keys and foreign keys for the new database.

Answer: primary keys and foreign keys are shown by yellow and blue color keys in ER diagram.

Country 🡪 country\_id (PK) and no FK

City 🡪 city\_id (PK) and country\_id (FK)

address 🡪 city\_id (PK) and country\_id (FK)

staff🡪 staff\_id (PK) and no FK

customer 🡪 customer\_id (PK) and address\_id (FK)

store🡪 store\_id (PK) and manager\_staff\_id and address\_id (FK)

rental🡪 rental\_id (PK) and inventory\_id and customer\_id (FK)

payment🡪 payment\_id (PK) and customer\_id, staff\_id and rental\_id (FK)

actor 🡪 actor\_id (PK) and no FK

film 🡪 film\_id (PK) and language\_id (FK)

language 🡪 language\_id (PK) and language\_id (FK)

film\_actor 🡪 actor\_id (PK) and film\_id (PK)

category 🡪 category\_id (PK) and no FK

film\_category 🡪 film\_id and category\_id (PK) and no FK

inventory 🡪inventory\_id (PK) and film\_id (FK)