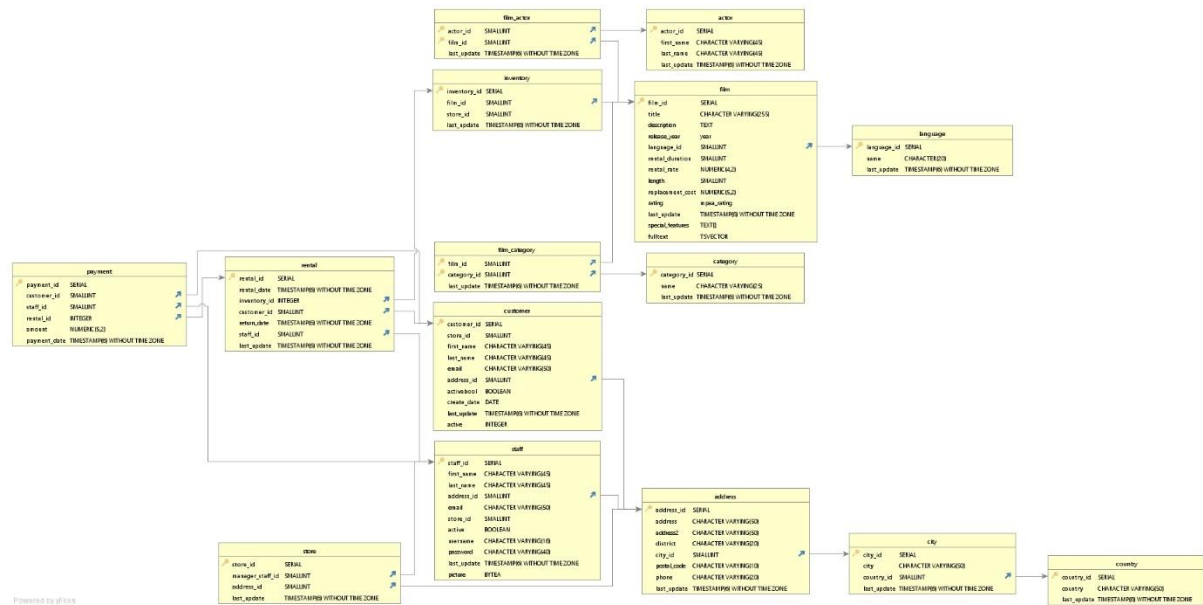


Answer 3.2

Step 2.



Step 3

The Rockbuster database have a snowflake schema, It contains a sub dimension table(foreign key)

Step 4

Payment

Columns	Data Type	Description
payment_id	SERIAL	Primary key for payment records. Identity/ Auto increment column
customer_id	SMALLINT	Foreign key to Customer.
staff_id	SMALLINT	Foreign key to Staff
rental_id	INTEGER	Foreign key for rental identification number
amount	NUMERIC(52)	The amount paid for the rental
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	The date payment was made

Rental

Columns	Data Type	Description
rental_id	serial	Primary key to rental. Auto increment column
rental_date	timestamp	The date the movie rental was made
inventory_id	int4	Foreign key to rental
customer_id	int2	Foreign key to customer. Customer identification
return_date	timestamp	Date the movie was returned
staff_id	int2	Foreign key to staff. Staff identification
last_update	timestamp	Date the record was last updated

Store

Columns	Data Type	Description
store_id	serial	Primary key to store. Auto increment column

manager_staff_id	int2	Foreign key to manager staff
address_id	int2	Foreign key to address. Address identification
last_update	timestamp	

Film Actor

Columns	Data Type	Description
actor_id	int2	Primary key to actor records.
film_id	int2	Primary key to film records.
last_update	timestamp	The last date and time the records was updated

Inventory

Columns	Data Type	Description
inventory_id	serial	Primary key to inventory records
film_id	int2	Foreign key to film records
store_id	int2	Foreign key to store records
last_update	timestamp	The last date and time the records was updated

Film_category

Columns	Data Type	Description
film_id	int2	Primary key to film records. Auto increment
category_id	int2	Primary key to category records
last_update	timestamp	The last date and time the records was updated

Customer

Columns	Data Type	Description
customer_id	serial	Primary key to customer records. Auto increment column
store_id	int2	Foreign key to store records
first_name	varchar	First name of the customer
last_name	varchar	Last name of the customer
email	varchar	The customers email
address_id	int2	Foreign key to customer email
activebool	bool	True, False or null
create_date	date	Date the customers record was create
last_update	timestamp	The last date and time the records was updated
active	int4	1 or 0 showing if it is an active customer

Staff

Columns	Data Type	Description
staff_id	serial	Primary key to staff records. Auto increment column
first_name	varchar	First name of the staff
last_name	varchar	Last name of the staff
address_id	int2	Foreign key to address of the staff

email	varchar	Email of the staff
store_id	int2	Foreign key to the store
active	bool	True, false or null
username	varchar	Login username of the staff
password	varchar	Login password of the staff
last_update	timestamp	The last date and time the records was updated
picture	bytea	Picture of the staff

Actor

Columns	Data Type	Description
actor_id	serial	Primary key to actor records. Auto increment column
first_name	varchar	First name of the actor
last_name	varchar	Last name of the actor
last_update	timestamp	The last date and time the records was updated

Film

Columns	Data Type	Description
film_id	serial	Primary key to the film records. Auto increment column
title	varchar	Title name of the film
description	text	Descriptive details of the film
release_year	year	The film year of release
language_id	int2	Foreign key to the language spoken in the film
rental_duration	int2	The time duration the movie was rented
rental_rate	numeric	The date the film was rented
length	int2	The play time length of the film
replacement_cost	numeric	The cost to replace the movie incase the film is not returned
rating	mpaa_rating	The film ratings
last_update	timestamp	The last date and time the records was updated
special_features	_text	Additional features
fulltext	tsvector	Information on film

Category

Columns	Data Type	Description
category_id	serial	Primary key to category records
name	varchar	The category name/Genre
last_update	timestamp	The last date and time the records was updated

Address

Columns	Data Type	Description
address_id	serial	Primary key to address records
address	varchar	The first line of the address
address2	varchar	Second line of the address(optional)
district	varchar	District of the address
city_id	int2	Foreign key to city records
postal_code	varchar	The postal code of the address
phone	varchar	The phone number to the address
last_update	timestamp	The last date and time the records was updated

Language

Columns	Data Type	Description
language_id	serial	Primary key to the language records
name	bpchar	The name of the language
last_update	timestamp	The last date and time the records was updated

City

Columns	Data Type	Description
city_id	serial	Primary key the city records
city	varchar	The city name
country_id	int2	Foreign key to the country records
last_update	timestamp	The last date and time the records was updated

Step 5

- Which actors brought Rockbuster the most revenue?

I will check the "film table"

- What language are the majority of movies in the collection?

I will check the "language table"