

Findings

Rockbuster Stealth

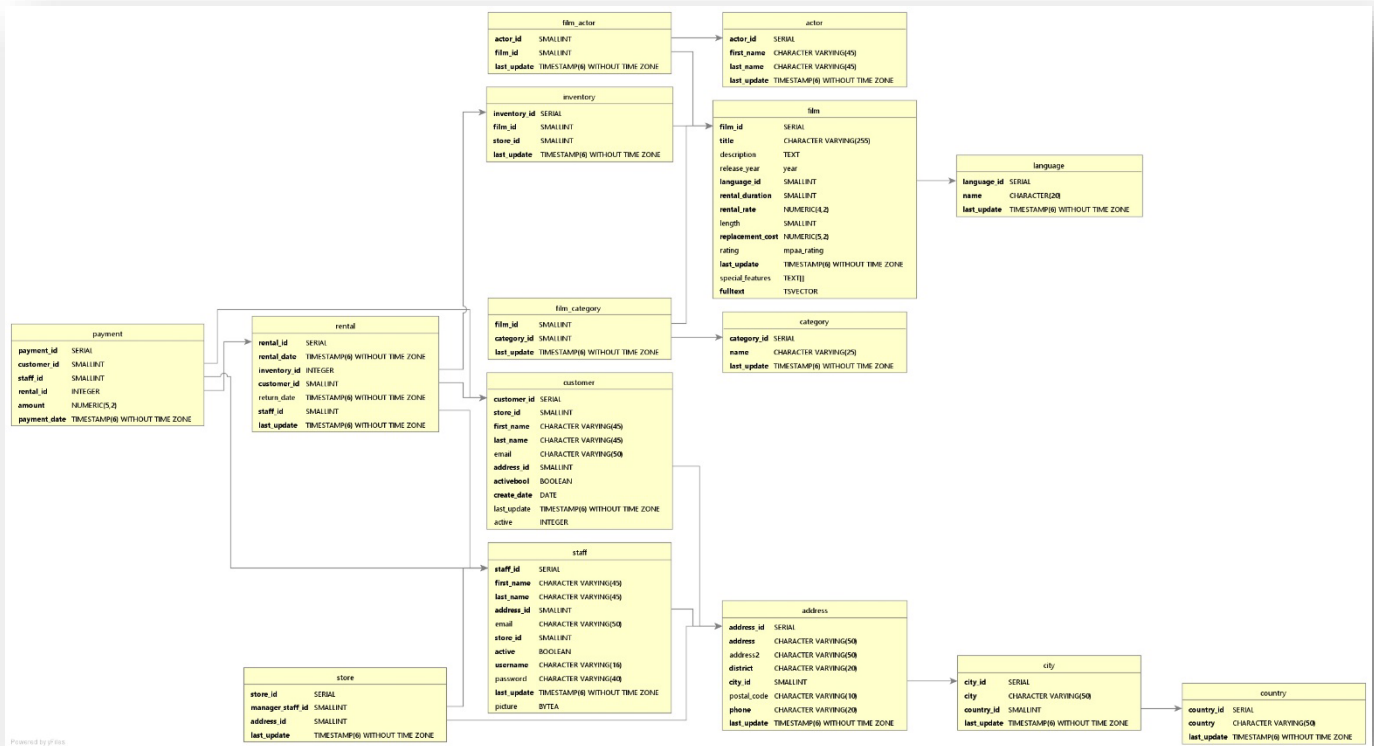
Data Dictionary

Semone Noel

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1 Extract the ERD:



1.1 Data Schema:

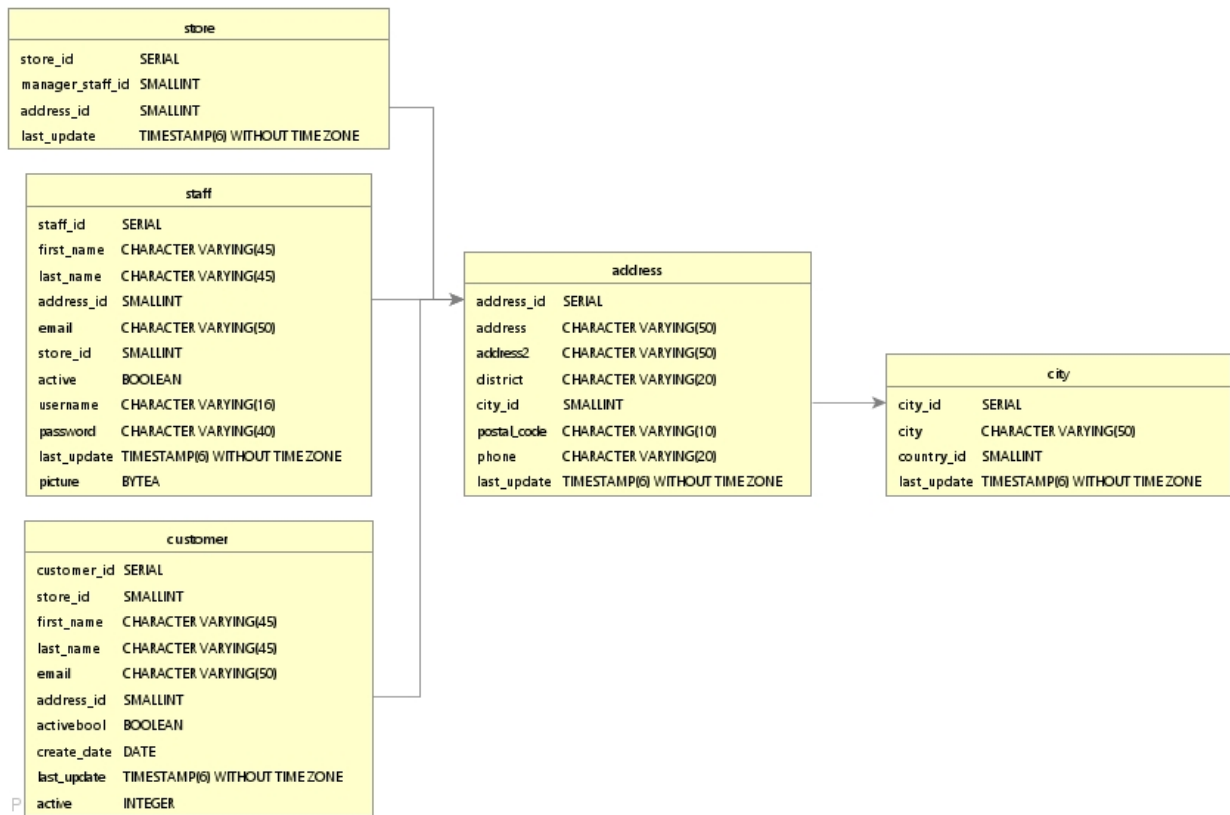
- Rockbuster Stealth database has a snowflake schema. It has a snowflake shape.

2 Legend

- Primary Key
- Foreign Key

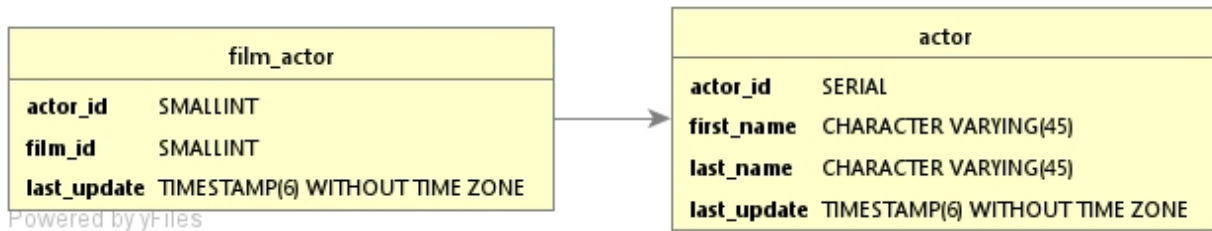
3 Dimension Table(s)

3.1 Address



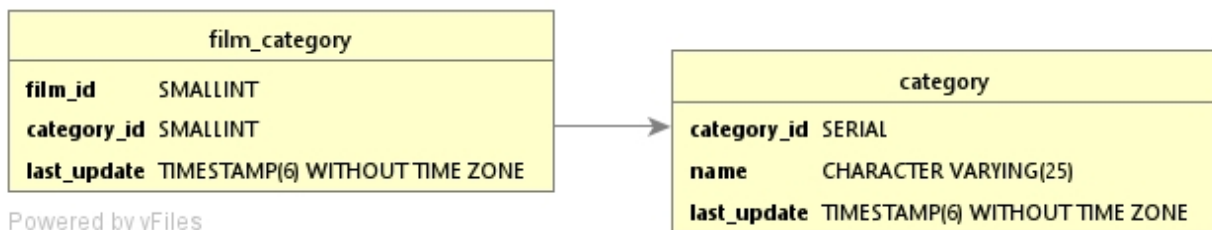
Columns	Data type	Type_Name	Description	Key
address_id	4	Serial	Unique id assigned to store	Primary
address	12	varchar	Store address	
address2	12	varchar	Store address	
district	12	varchar	District of store	Foreign
city_id	5	int2	City location of store	
postal_code	12	varchar	Zipcode/cap	
phone	12	varchar	Phone number	
last_update	93	Timestamp	Time of last update	

3.2 Actor



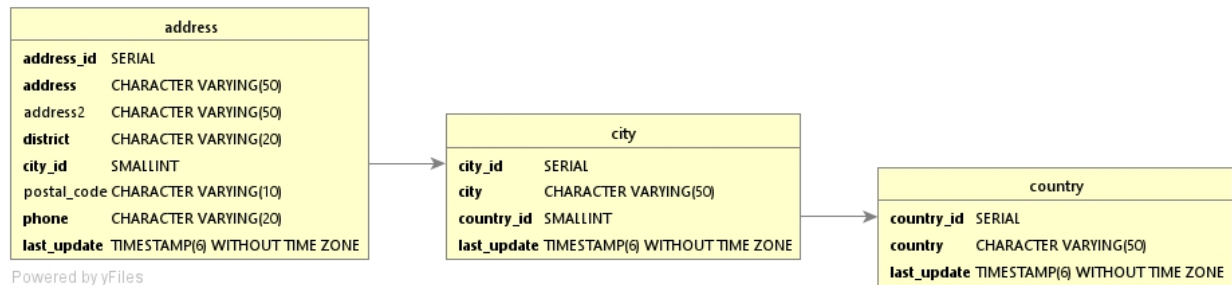
Columns	Data type	Type_Name	Description	Key
actor_id	4	serial	The unique id assigned to an actor	Primary
first_name	12	varchar	Actor's first name	
last_name	12	varchar	Actor's last name	
last_update	93	timestamp	Time of last update status	

3.3 Category



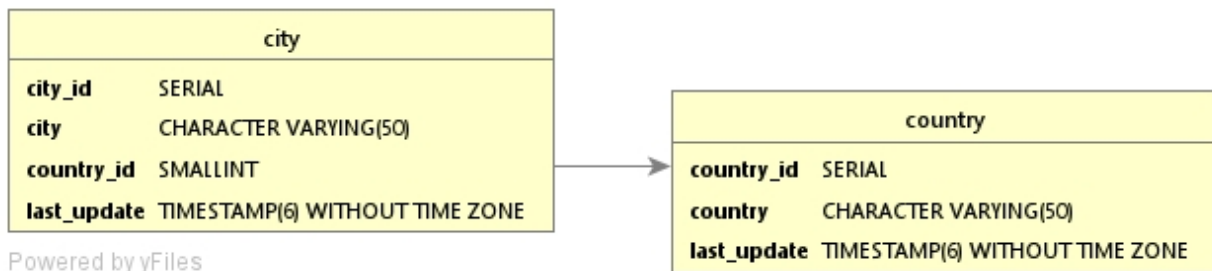
Columns	Data type	Type_Name	Description	Key
category_id	4	Serial	Unique id assigned to category	Primary
name	12	varchar	Store address	
last_update	93	Timestamp	Time of last update status	

3.4 City



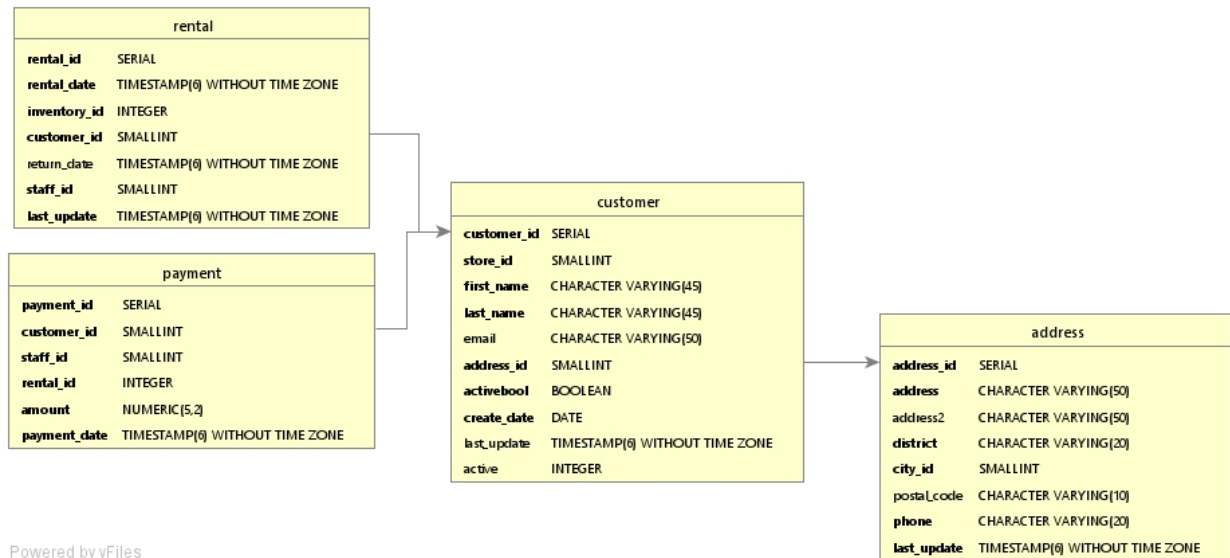
Columns	Data type	Type_Name	Description	Key
city_id	4	serial	Unique id assigned to city	Primary
city	12	varchar	Name of city	
country_id	5	int2	Country code	Foreign
last_update	93	Timestamp	Time of last update	

3.4 Country



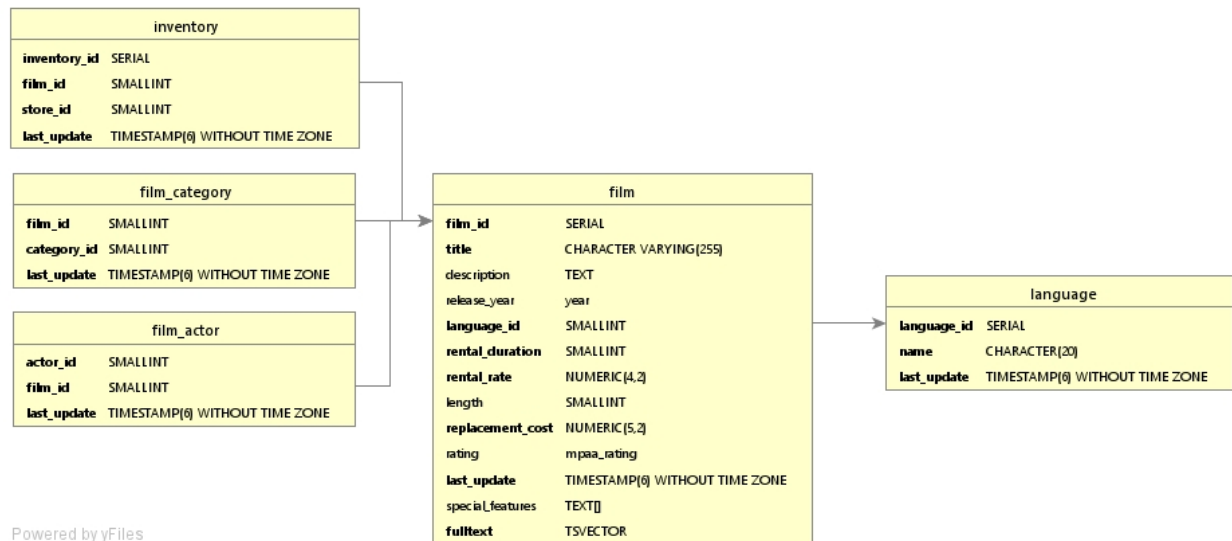
Columns	Data type	Type_Name	Description	Key
country_id	4	serial	Country code	
country	12	varchar	Name of country	
last_update	93	Timestamp	Time of last update	

3.5 Customer



Columns	Data type	Type_Name	Description	Key
customer_id	4	serial	Unique id assigned to customer	Primary
store_id	5	int2	Store code/id #	Foreign
first_name	12	varchar	Customer's first name	
last_name	12	varchar	Customer's last name	
email	12	varchar	Customer's email address	
address_id	5	int2	Customer's address	Foreign
activebool	-7	bool	Status whether customer is active or not	
create_date	91	date	Date the file was created	
last_update	93	timestamp	Time of last update	
active	4	int4	Customer status	

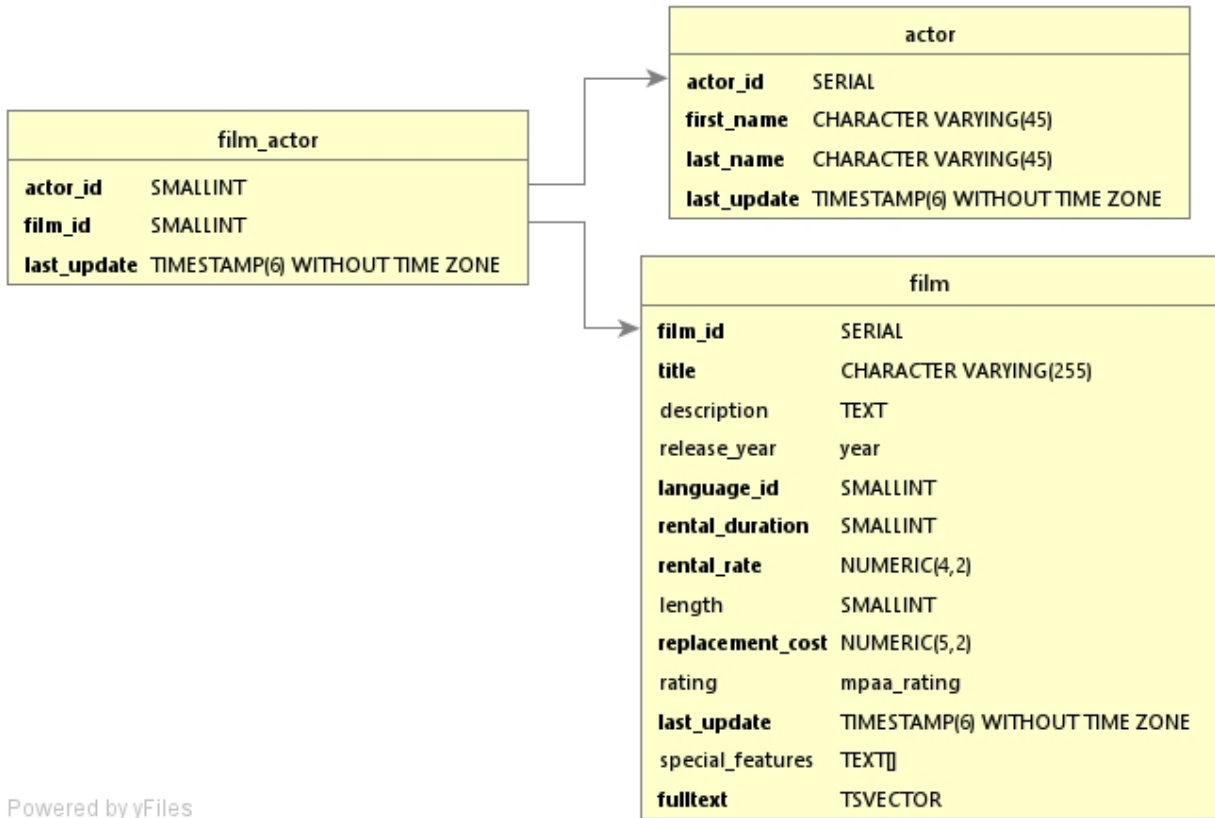
3.6 Film



Columns	Data type	Type_Name	Description	Key
film_id	4	serial	Unique id assigned to film	Foreign
title	12	varchar	Title of film	
description	12	text	Brief description of the film	
release_year	2001	year	Release year of film	
language_id	5	int2	O.V. of film (orig language/voice)	Foreign
rental_duration	5	int2	Days of cus rental	
rental_rate	2	numeric	Cost per day	
length	5	int2	Duration (running time)	
replacement_cost	2	numeric	Cost to replace	
rating	12	mpaa_rating	Film Rating (pg, PG-13, etc)	
last_update	93	timestamp	Time of last update	
special_features	2003	_text	If there are any special features available (HD, subtitles etc)	

fulltext	1111	tsvector	Key words	
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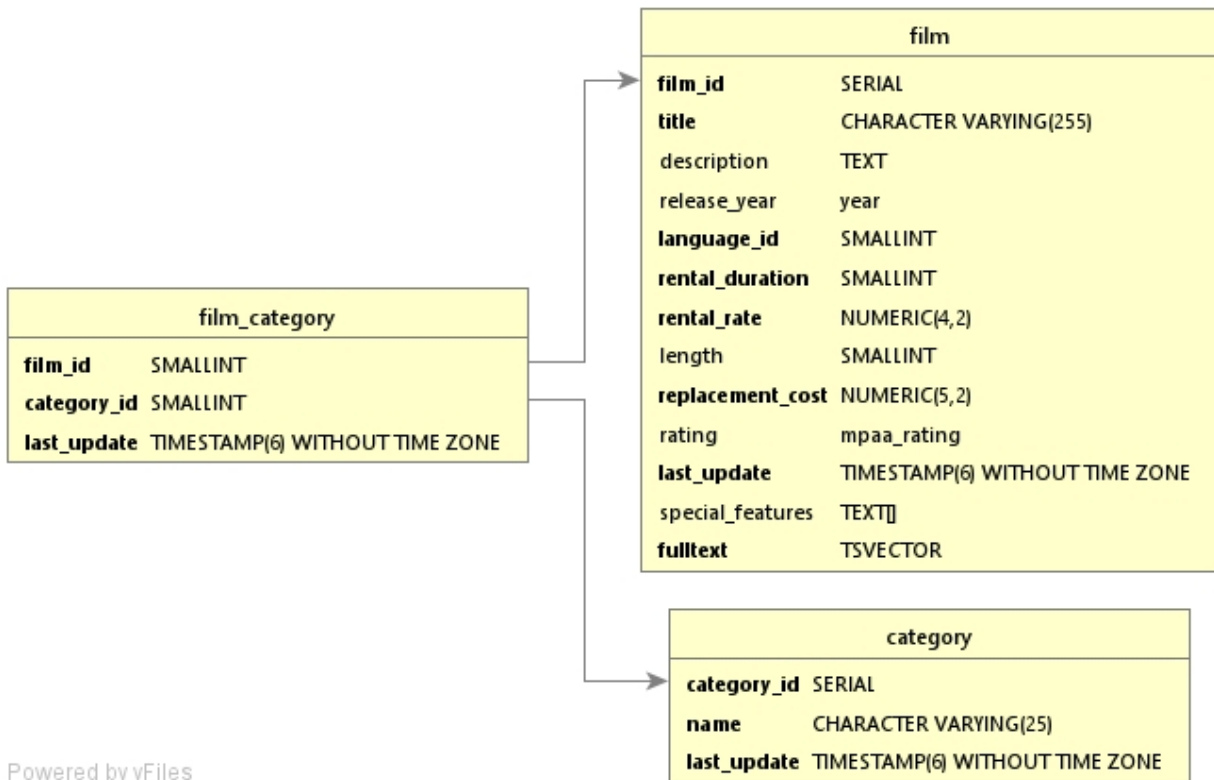
3.7 Film_actor



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Columns	Data type	Type_Name	Description	Key
actor_id	5	int2	Unique id assigned to actor	Primary
film_id	5	int2	Unique id assigned to film	Foreign
last_update	93	Timestamp	Time of last update	

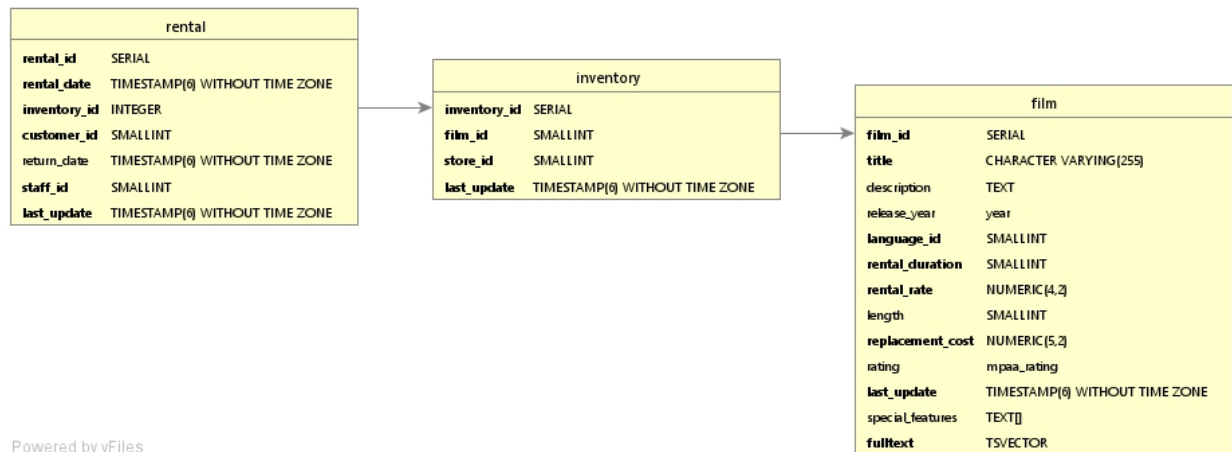
3.8 Film_category



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Columns	Data type	Type_Name	Description	Key
film_id	5	int2	Unique id assigned to film	Primary
category_id	5	int2	Unique id assigned to category	Foreign
last_update	93	Timestamp	Time of last update	

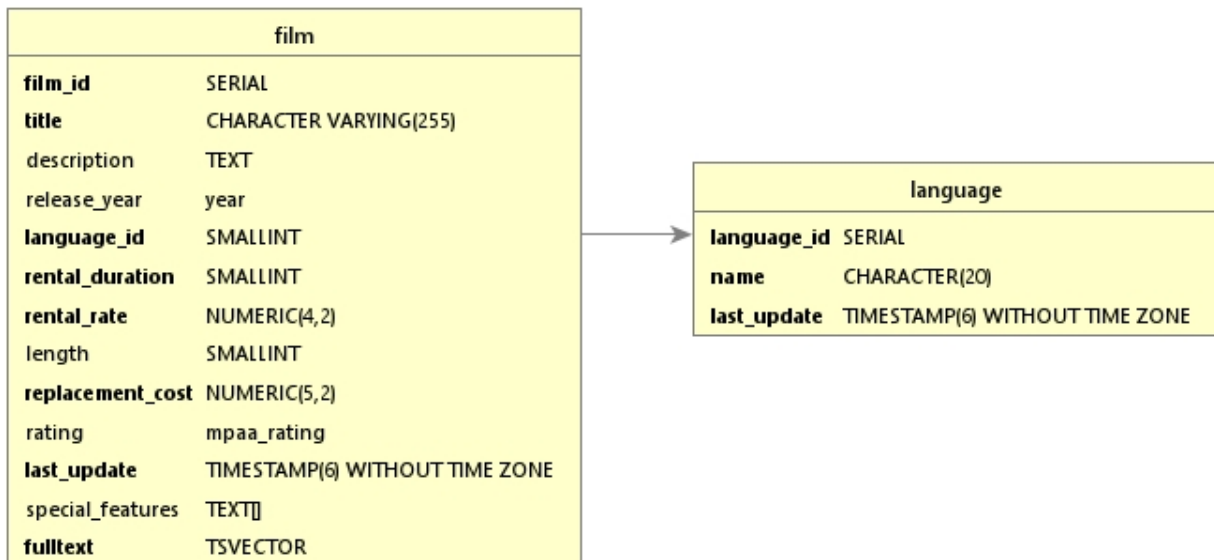
3.9 Inventory



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Columns	Data type	Type_Name	Description	Key
inventory_id	4	serial	Inventory code	Primary
film_id	5	int2	Film code	Foreign
store_id	5	int2	Store code	Foreign
last_update	93	Timestamp	Time of last update	

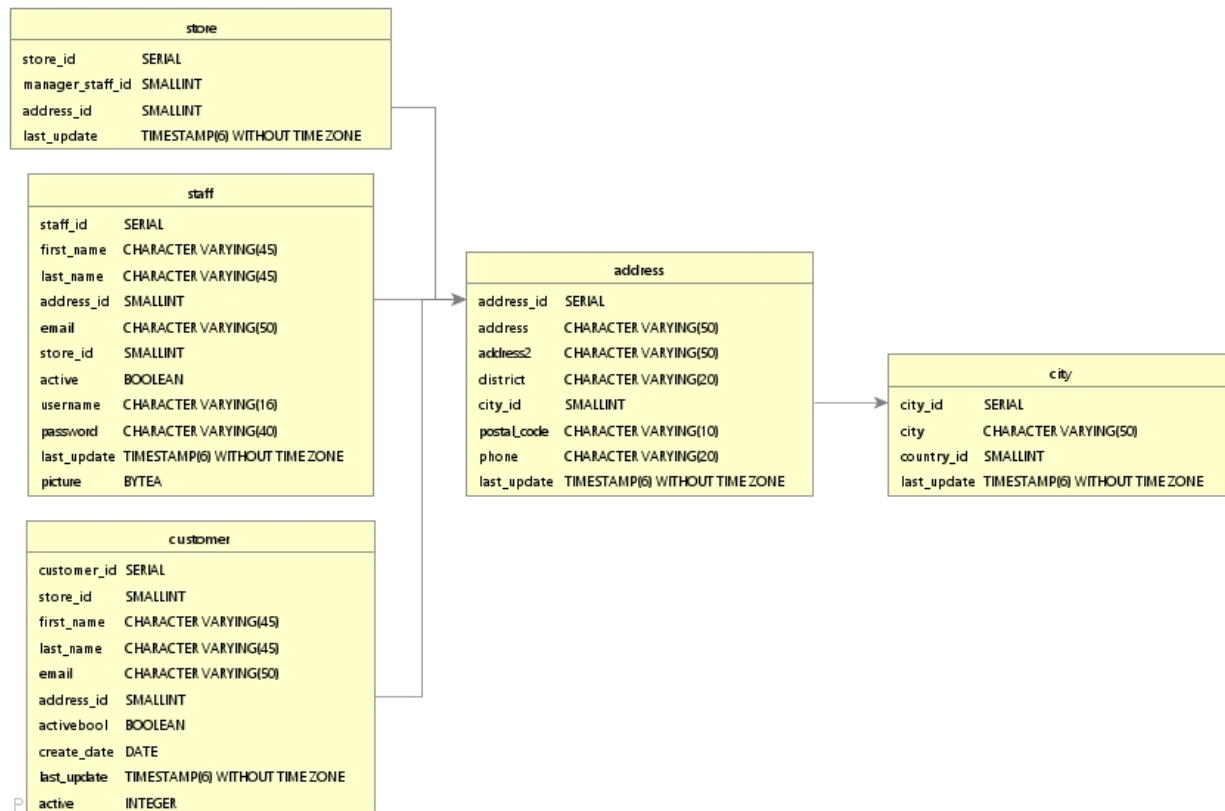
3.10 Language



Columns	Data type	Type_Name	Description	Key
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language_id	4	serial	ID assigned to language(s) movie is available in	Primary
name	1	bpchar	Name of Language (English, French, etc)	
last_update	93	Timestamp	Time of last update	

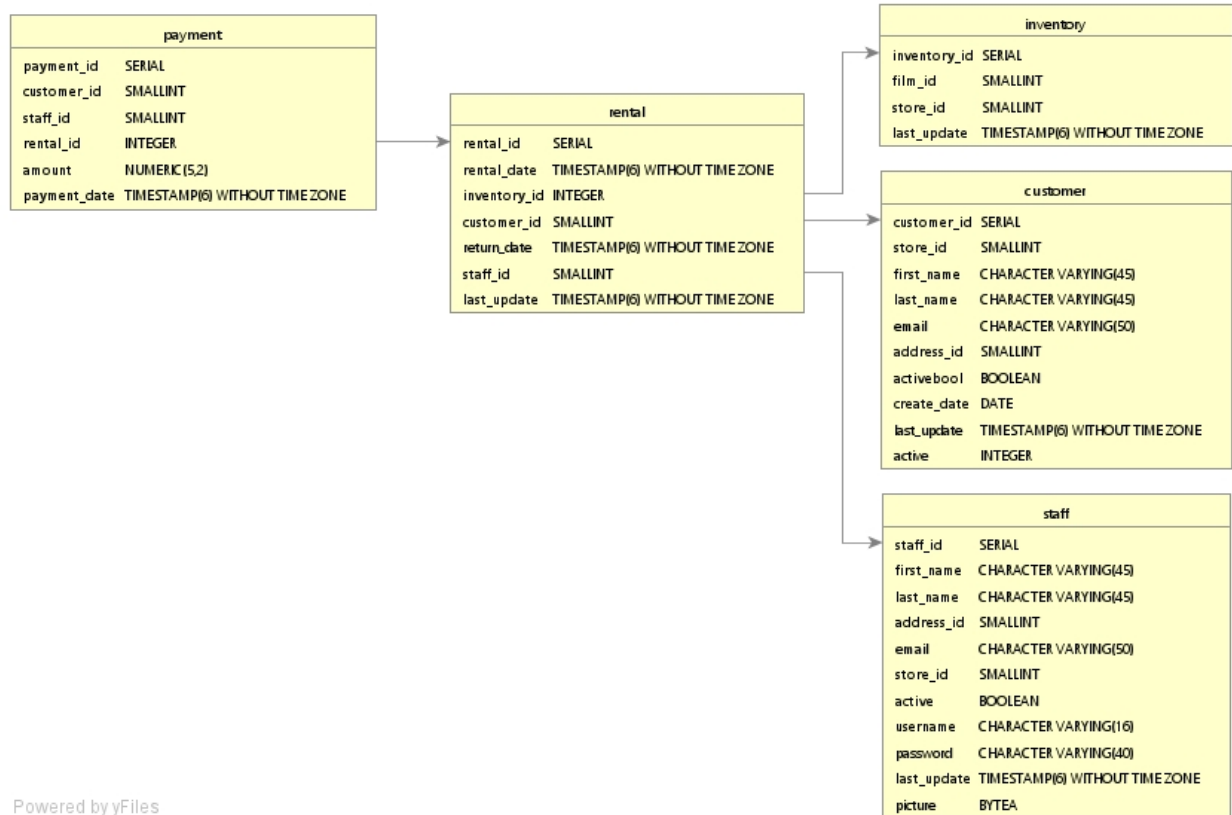
3.11 Payments



Columns	Data type	Type_Name	Description	Key
payment_id	4	serial	Method of payment	Primary
customer_id	5	int2	Cus code	Foreign
staff_id	5	int2	Staff code	Foreign
rental_id	4	int4	Rental code	Foreign
amount	2	numeric	Final cost of rental	
payment_date	93	timestamp	Date of payment	

4 Fact table

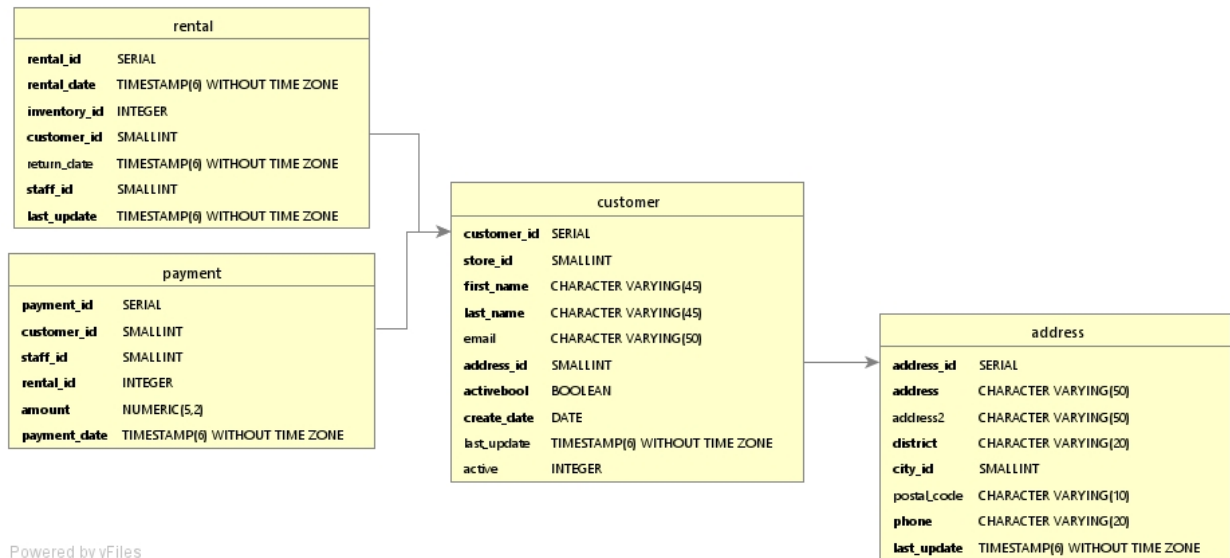
4.1 Payment



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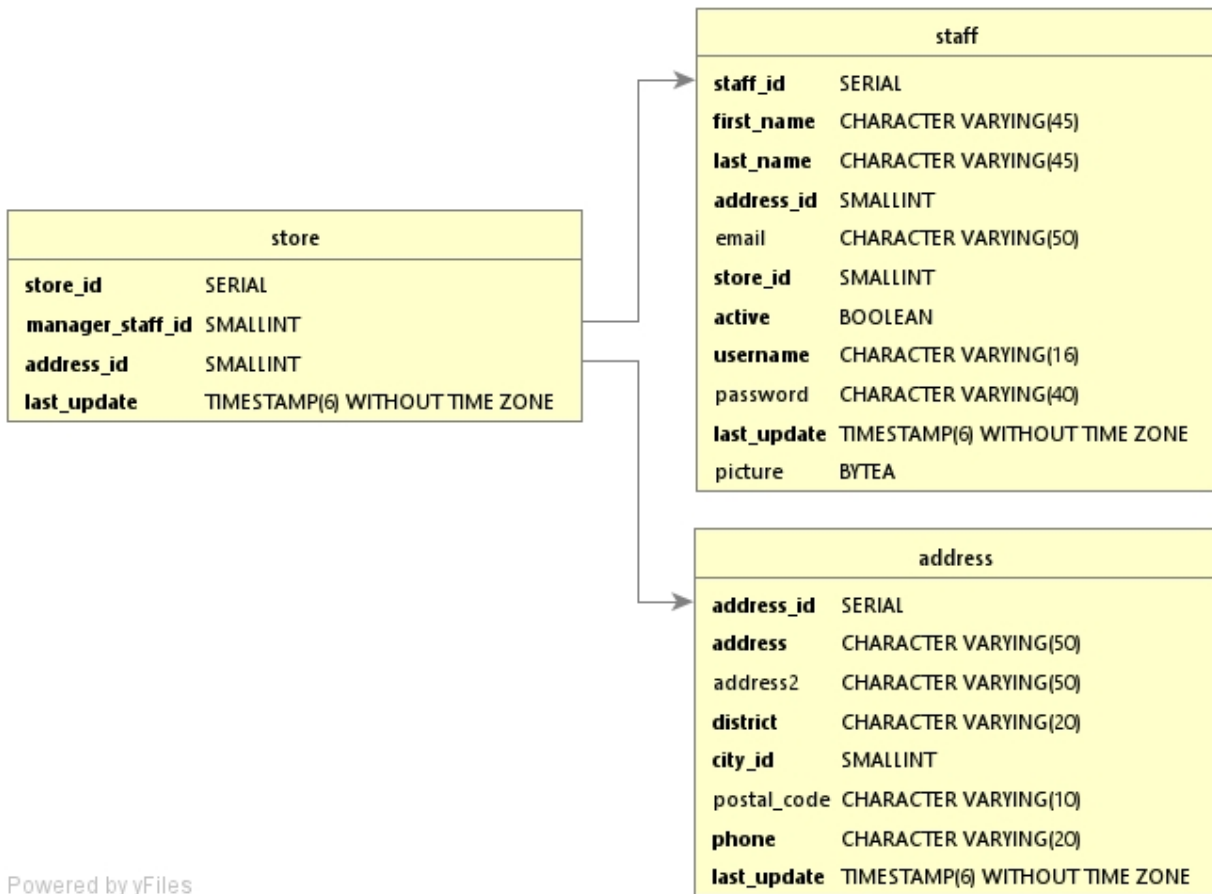
Columns	Data type	Type_Name	Description	Key
rental_id	4	serial	Rental code	Primary
rental_date	93	timestamp	Date film was rented	
inventory_id	4	int4	inventory code	Foreign
customer_id	5	int2	Cust code	Foreign
return_date	93	timestamp	Date rental is returned	
staff_id	5	int2	Staff code	
last_update	93	timestamp	Time of last update	

4.2 Rental



Columns	Data type	Type_Name	Description
staff_id	4	serial	Employee id
first_name	12	varchar	Employee first name
last_name	12	varchar	Employee last name
address_id	5	int2	Employee address
email	12	varchar	Employee's email address
store_id	5	int2	Store code
active	-7	bool	Status whether employee is active or not
username	12	varchar	Employee username/id
password	12	varchar	Employee unique password
last_update	93	timestamp	Time of last update
picture	-2	bytea	Employee picture

4.3 Store



Powered by yFiles

Columns	Data type	Type_Name	Description	Key
store_id	4	serial	Store code	Primary
manager_staff_id	5	int2	Manager code	Foreign
address_id	5	int2	Store address	Foreign
last_update	93	Timestamp	Time of last update	