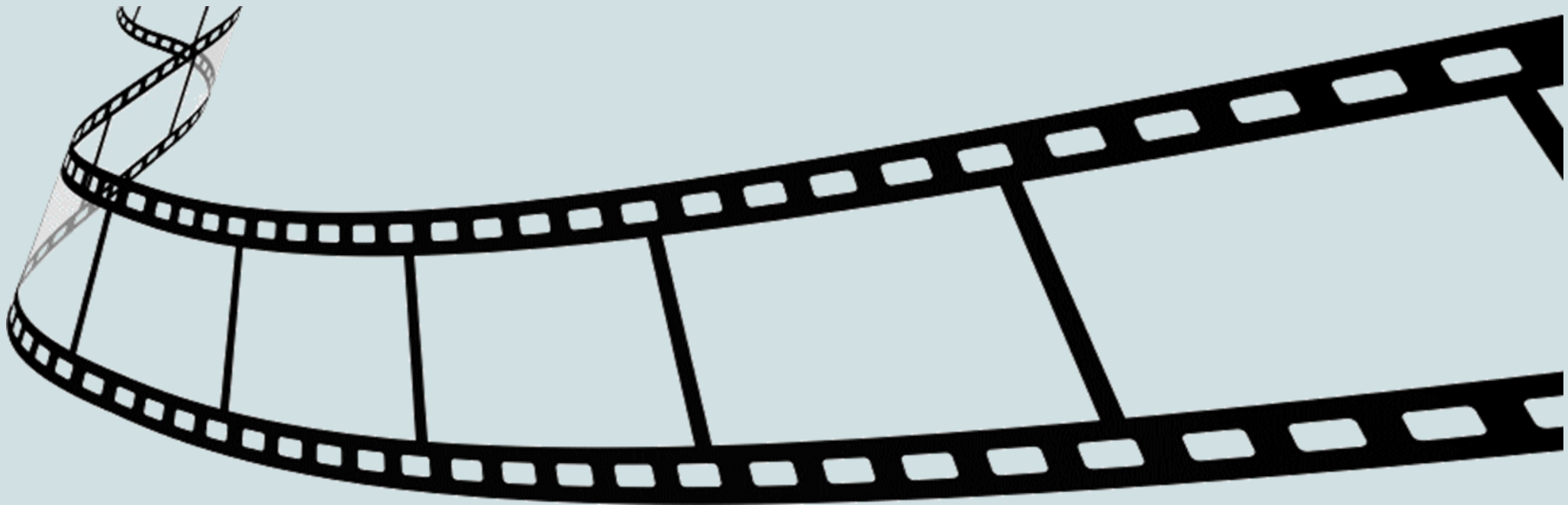


# Data Dictionary

► Rockbuster Stealth LLC



# Table of Contents

## Introduction:

ERD Overview.....	2
ERD Snapshot.....	3
ERD Snapshot.....	4
Legend.....	5

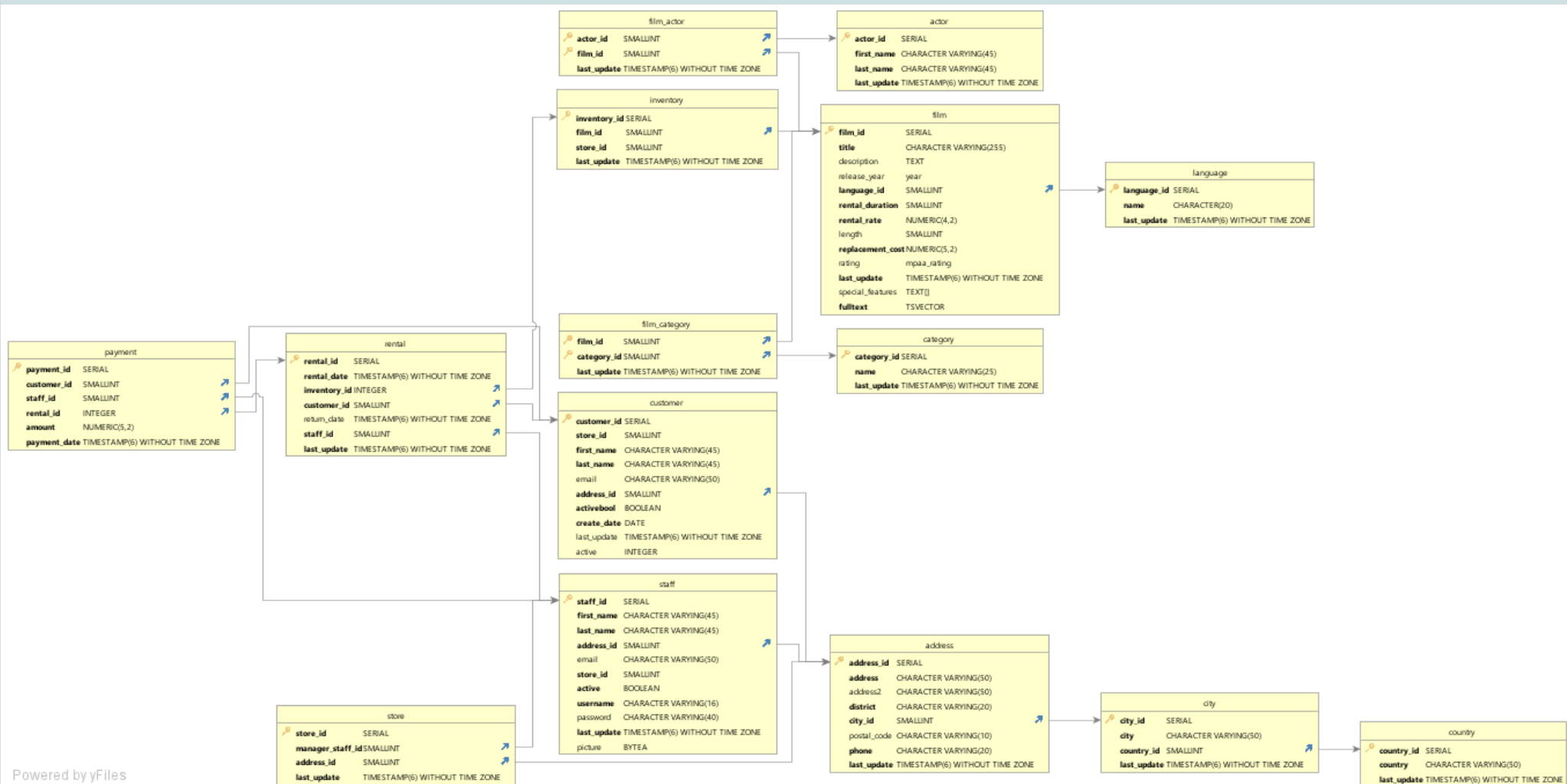
## Fact Tables:

1.1 Payment.....	6
1.2 Store.....	7
1.3 Film_category.....	8
1.4 Film_actor.....	9

## Dimension Tables:

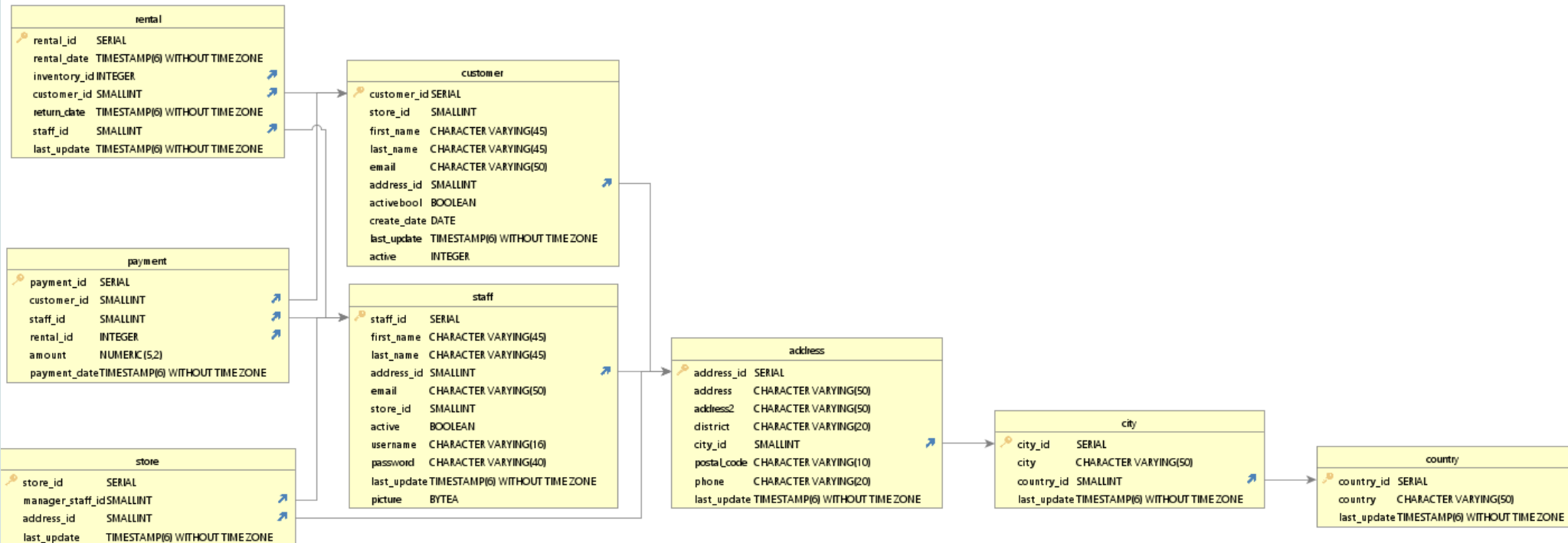
2.1 Rental.....	10
2.2 Staff.....	11
2.3 Customer.....	12
2.4 Address.....	13
2.5 City.....	14
2.6 Country.....	15
2.7 Actor.....	16
2.8 Film.....	17
2.9 Inventory.....	18
2.10 Category.....	19
2.11 Language.....	20

# ERD - Overview

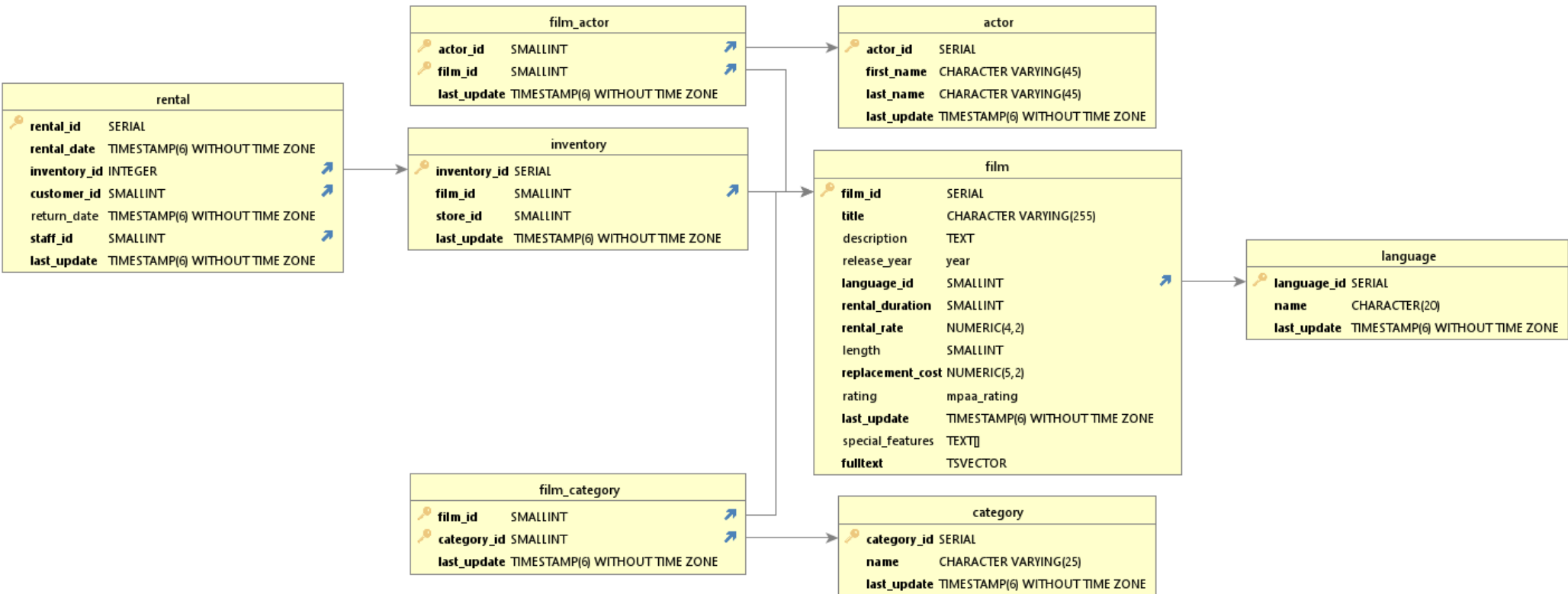


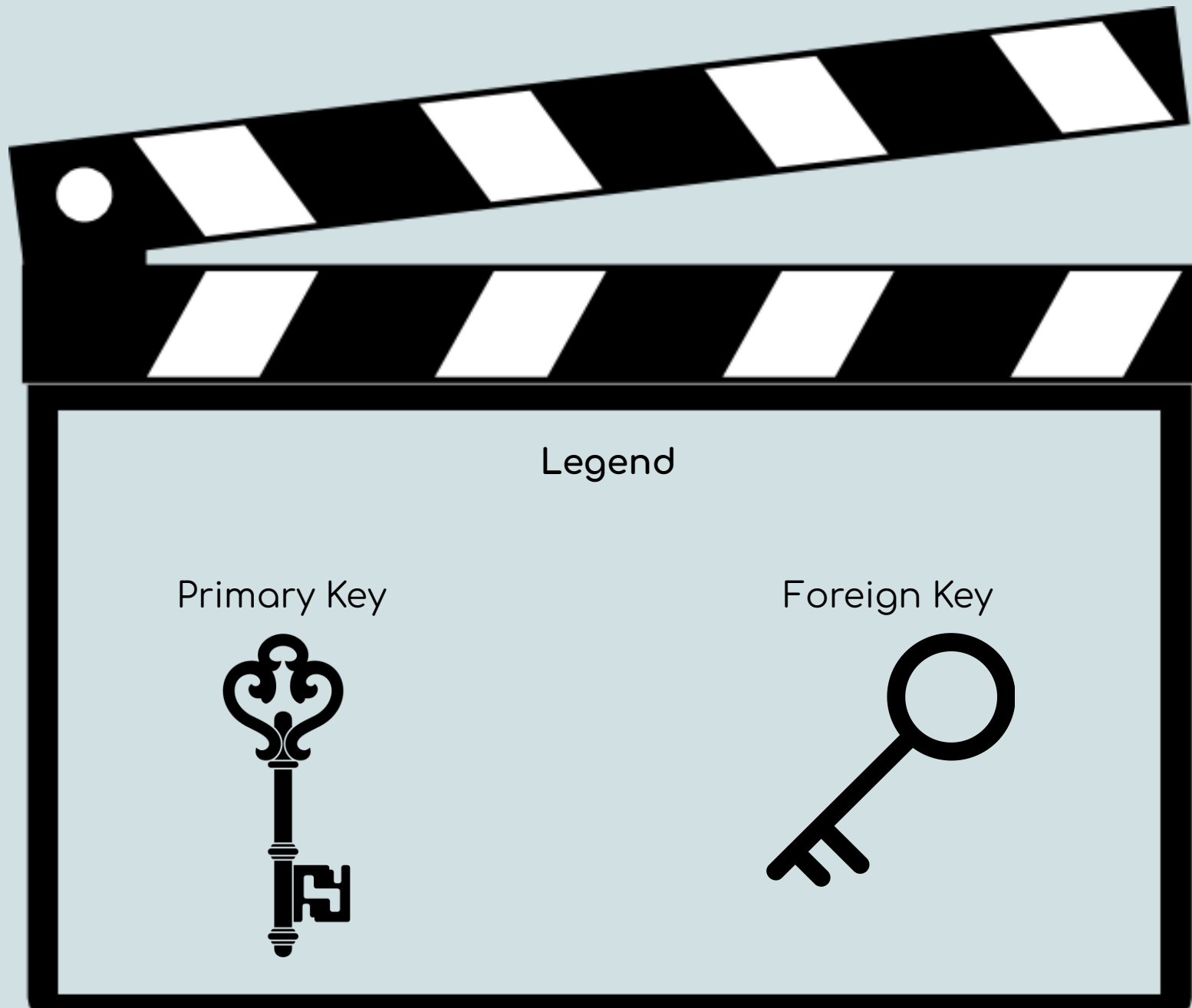
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# ERD - Snapshot







# ERM - Snapshot








# Fact Tables:

## 1.1 Payment

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
		payment_id	SERIAL	Payment id code		
		customer_id	SMALLINT	Customer id number		customer
		staff_id	SMALLINT	Id of the staff member who authorised the payment		staff
		rental_id	INTEGER	Id of rental		rental
		amount	NUMERIC[5,2]	Total of the payment		
		payment_date	TIMESTAMP(6) W/O TIMEZONE	Date payment was made		





## 1.2 Store

---

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
		store_id	SERIAL	Stores id code		
		manager_staff_id	SMALLINT	Staff id of the manger of that store		staff
		address_id	SMALLINT	Id of the address of that store		address
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		






## 1.3 Film\_category

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
		film_id	SMALLINT	Id of film		film
		category_id	SMALLINT	Id of category of film		category
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		





## 1.4 Film\_actor

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Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
		actor_id	SMALLINT	Id for actor		actor
		film_id	SMALLINT	Id for film		film
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update the table		

# Dimension Tables:



## 2.1 Rental

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	payment	rentaLid	SERIAL	Identifier code for a rental		
		rentaL_date	TIMESTAMP(6) W/O TIMEZONE	Date of rental		
		invertory_id	INTEGER	Rentals inventory id		inventory
		customer_id	SMALLINT	Customer id number		customer
		return_id	TIMESTAMP(6) W/O TIMEZONE	Date stamp of the return of the rental		
		staff_id	SMALLINT	Id of the staff member who authorised the rental		staff
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		

## 2.2 Staff



Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	rental payment store	staff_id	SERIAL	Staff id code		
		first_name	CHARACTER VARYING(45)	First name of staff member		
		last_name	CHARACTER VARYING(45)	Last name of staff member		
		address_id	SMALLINT	Address id for staff member		address
		email	CHARACTER VARYING(45)	Email address of staff member		
		store_id	SMALLINT	Store id of where staff member works		
		active	BOOLEAN	Yes/No to identify if staff is active		
		username	CHARACTER VARYING(16)	Staff members username		
		password	CHARACTER VARYING(40)	Staff members password		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		
		picture	BYTEA	Picture of staff member		

## 2.3 Customer

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	rental	customer_id	SERIAL	Customer id number		
		store_id	SMALLINT	Id for store the customer rented from		
		first_name	CHARACTER VARYING(45)	First name of customer		
		last_name	CHARACTER VARYING(45)	Last name of customer		
		email	CHARACTER VARYING(45)	Email address of customer		
		address_id	SMALLINT	Address id for customer		address
		activebool	BOOLEAN	Yes/No boolean to identify if the customer is active		



		create_date	DATE	Date the customer was created their account		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		
		active	INTEGER	A numerical boolean to identify if a customer is active or not		

## 2.4 Address

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	customer staff store	address_id	SERIAL	Address id of the store		
		address	CHARACTER VARYING(50)	Address of store		
		address2	CHARACTER VARYING(50)	Secondary address		
		district	CHARACTER VARYING(20)	Region/state of store		
		city_id	SMALLINT	Id of the city where the store is located		city
		postal_code	CHARACTER VARYING(10)	Postal code of store		
		phone	CHARACTER VARYING(20)	Phone number of store		
		last_update	TIMESTAMP(6) W/O	Date of the last update the table		


			TIMEZONE			
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## 2.5 City

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	address	city_id	SERIAL	Unique id for each city		
		city	CHARACTER VARYING(50)	Name of city		
		country_id	SMALLINT	Id code for each country		country
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update the table		

## 2.6 Country


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Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	city	country_id	SERIAL	Unique id for each country		
		country	CHARACTER VARYING(50)	Name of country		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update the table		





## 2.7 Actor

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Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	film_actor	actor_id	SERIAL	Id for actor		
		first_name	CHARACTER VARYING(45)	First name of actor		
		last_name	CHARACTER VARYING(45)	Last name of actor		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		

## 2.8 Film

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	film_actor inventory film_category	film_id	SERIAL	Id for film		
		title	CHARACTER VARYING(255)	Title of film		
		description	TEXT	Description of film		
		release_year	YEAR	Year the film was released		
		language_id	SMALLINT	Language id of film		language
		rental_duration	SMALLINT	How long the film can be rented for		
		rental_rate	NUMERIC [4,2]	How much the film is rented out at		
		length	SMALLINT	Duration time of the film		
		replacement_cost	NUMERIC [5,2]	Cost for the replacement of the film		
		rating	mpaa_rating	The age rating of the film		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		
		special_features	TEXT	Any special features relating to the		


				film		
		fulltext	TSVECTOR	List of tag words associated with film		

## 2.9 Inventory

Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	rental	Inventory_id	Serial	Id for the inventory item		
		film_id	SMALLINT	Id of film		film
		store_id	SMALLINT	Id of store when that inventory item is		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		


## 2.10 Category

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Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	film_category	category_id	SERIAL	Id of category		
		name	CHARACTER VARYING(25)	Name of category		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update the table		

## 2.11 Language

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Primary Key	Links From	Column name	Data Type	Description	Foregin Key	Links to
	film	language_id	SERIAL	Id of language		
		name	CHARACTER(20)	Name of language		
		last_update	TIMESTAMP(6) W/O TIMEZONE	Date of the last update to the table		