



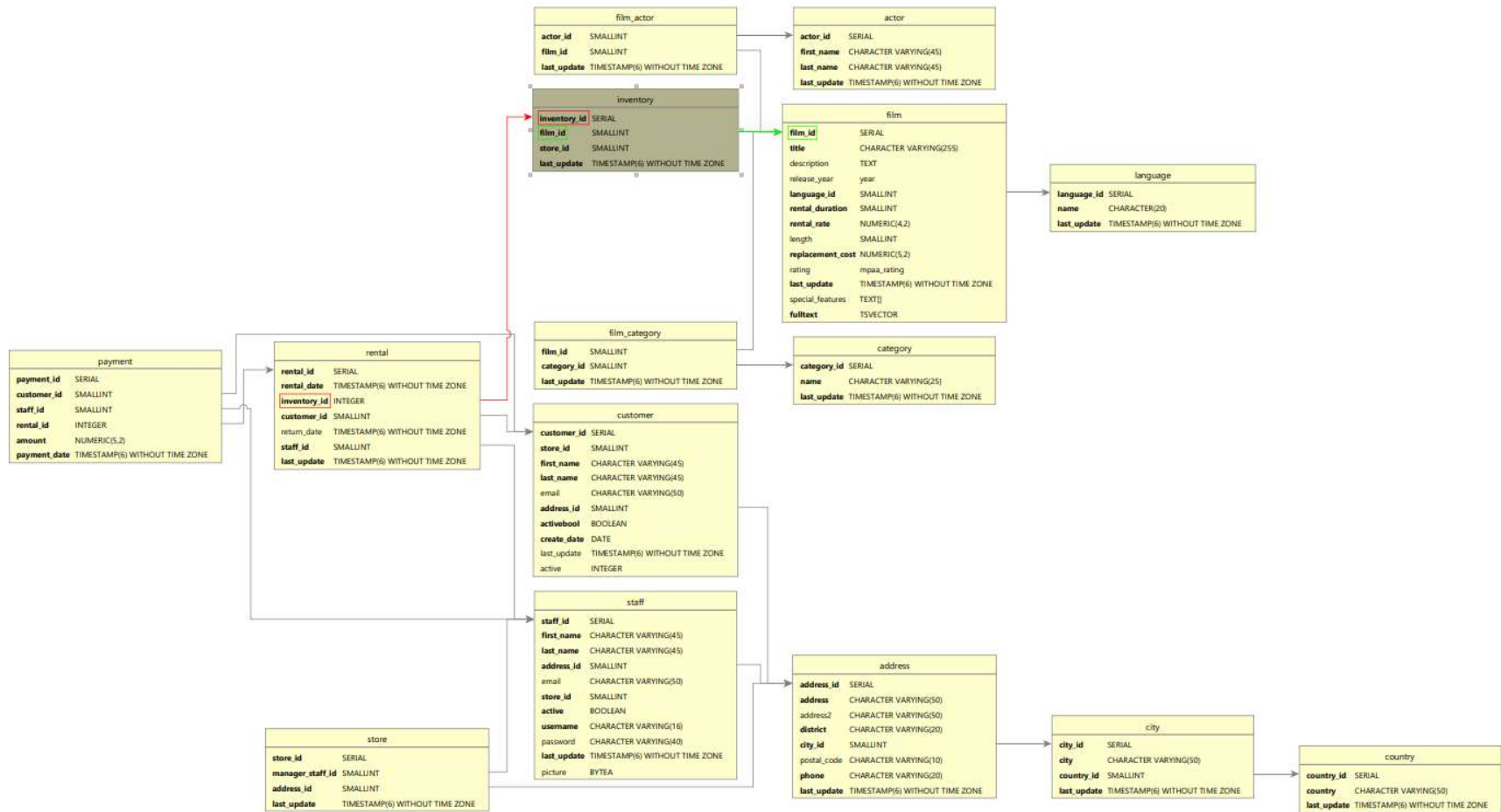
# DATA DICTIONARY

Last Updated: 9.11.2022



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## 1. ENTITY RELATIONSHIP DIAGRAM:







## 2. LEGEND

	Primary key
	Foreign key



## 3. FACT TABLE

### 3.1. RENTAL



Columns	Data Type	Description	Link to
rental_id 	SERIAL	The unique id assigned to each movierental	
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when it was rented out	
inventory_id 	Integer	The id assigned for record-keeping	inventory
customer_id 	SMALLINT	Customer id to whom the movie was issued	customer
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time of return	
staff_id 	SMALLINT	The id assigned to each staff	staff
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	

## 4. DIMENSION TABLE





### 4.1. CUSTOMER

Columns	Data Type	Description	Link to
customer_id 	SERIAL	Customer id to whom the movie was issued	
store_id	SMALLINT	The unique id assigned to each store	
first_name	CHARACTERVARYING (45)	First name of customer	
last_name	CHARACTERVARYING (45)	Last name of customer	
email	CHARACTERVARYING (50)	Email address of customer	
address_id 	SMALLINT	Postal address of customer	address
activebool	BOOLEAN	Status whether customer is active or not	
create_date	DATE	Creation date	



## 4.2. STAFF

Columns	Data Type	Description	Link to
staff_id 	SERIAL	The id assigned to each staff	
first_name	CHARACTERVARYING(45)	First name of staff	
last_name	CHARACTERVARYING(45)	Last name of staff	
address_id 	SMALLINT	Postal address of staff	address
email	CHARACTERVARYING(50)	Email address of staff	
store_id	SMALLINT	The unique id assigned to each store	
active	BOOLEAN	Status whether customer is active or not	
username	CHARACTERVARYING(16)	Username of staff	
password	CHARACTERVARYING(40)	Password of staff	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	
picture	BYTEA	Picture of staff	





#### 4.3. PAYMENT

Columns	Data Type	Description	Link to
payment_id 	SERIAL	The id assigned for record-keeping	
customer_id 	SMALLINT	Customer id to whom the movie was issued	customer
staff_id 	SMALLINT	The unique id assigned to each store	staff
rental_id 	INTEGER	The unique id assigned to each movie rental	rental
amount	NUMERIC(5,2)	The amount paid by the customer	
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Time of payment	


#### 4.4. INVENTORY

Columns	Data Type	Description	Link to
inventory_id 	SERIAL	The id assigned for record keeping	
film_id 	SMALLINT	The unique id assigned to each movie	film
store_id	SMALLINT	The unique id assigned to each store	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	

#### 4.5. FILM CATEGORY



Columns	Data Type	Description	Link to
film_id  	SMALLINT	The unique id assigned to each movie	Film
category_id  	SMALLINT	The unique id assigned to each movie category	category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	

#### 4.6. LANGUAGE



Columns	Data Type	Description	Link to
language_id 	SERIAL	ID assigned to language(s) movie is available in	
name	CHARACTER(20)	Name of language	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	




#### 4.7. ADDRESS

Columns	Data Type	Description	Link to
address_id 	SERIAL	Postal address of store	
address	CHARACTERVARYING(50)	Postal address of store	
address2	CHARACTERVARYING(50)	Postal address of store	
district	CHARACTERVARYING(20)	Time of last updated status	
city_id 	SMALLINT	City	city
postal_code	CHARACTERVARYING(10)	Postal Code	
Phone	CHARACTERVARYING(20)	Phone number	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	

#### 4.8. CITY

Columns	Data Type	Description	Link to
city_id 	SERIAL	Id assigned to City	
name	CHARACTERVARYING(50)	Name of City	
country_id 	SMALLINT	Country code	country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	

#### 4.9. COUNTRY

Columns	Data Type	Description	Link to
country_id 	SERIAL	Country code	
country	CHARACTERVARYING(50)	Name of Country	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	