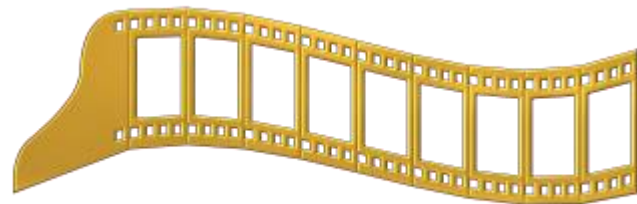


Rockbuster Stealth LLC

# **Data Dictionary**

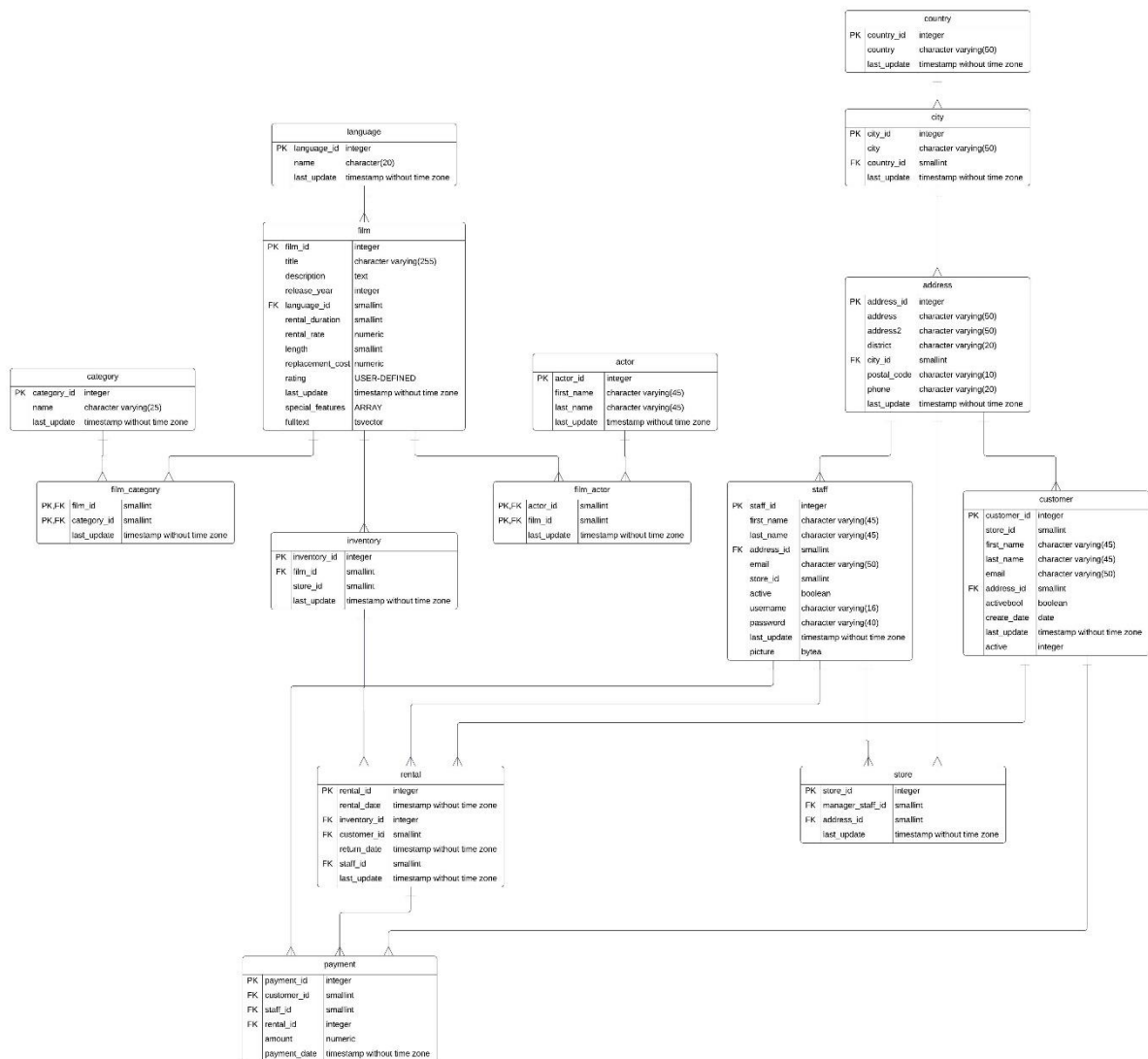
26/03/2024



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# Data Storage & Structure



## Data Dictionary

Fact Tables:

Payment

Columns	Data Type	Description
Payment_id	Integer	Primary Key
Customer_id	Smallint	Foreign Key
Staff_id	Smallint	Foreign Key
Rental_id	Integer	Foreign Key

Amount	Numeric	The price of the rented film
Payment_date	Timestamp	When the payment was paid

## Rental

Columns	Data Type	Description
Rental_id	Integer	Primary Key
Rental_date	Timestamp	When the film was rented
Inventory_id	Integer	Foreign Key
Customer_id	Smallint	Foreign Key
Return_date	Timestamp	When the film was returned
Staff_id	Smallint	Foreign Key
Last_update	Timestamp	

## Dimension Tables:

### Store

Columns	Data Type	Description
Store_id	Integer	Primary Key
Manager_staff_id	Smallint	Foreign Key
Address_id	Smallint	Foreign Key
Last_update	Timestamp	

### Film\_category

Columns	Data Type	Description
Film_id	Smallint	Primary and Foreign Key
Category_id	Smallint	Primary and Foreign Key
Last_update	Timestamp	

## Category

Columns	Data Type	Description
Category_id	Integer	Primary Key
Name	Character varying	The name of the category
Last_update	Timestamp	

## Inventory

Columns	Data Type	Description
Inventory_id	Integer	Primary Key
Film_id	Smallint	Foreign Key
Store_id	Smallint	The store in which the inventory was recorded
Last_update	Timestamp	

## Film\_actor

Columns	Data Type	Description
Actor_id	Smallint	Primary and Foreign Key
Film_id	Smallint	Primary and Foreign Key
Last_update	Timestamp	

## Actor

Columns	Data Type	Description
Actor_id	Integer	Primary Key
First_name	Character varying	First name of the actor
Last_name	Character varying	Last name of the actor
Last_update	Timestamp	

## Language

Columns	Data Type	Description
Language_id	Integer	Primary Key

Name	Character	Name of the language
Last_update	Timestamp	

## Film

Columns	Data Type	Description
Film_id	Integer	Primary Key
Title	Character varying	Title of the film
Description	Text	Description of the film
Release_year	Integer	The year in which the film was released
Language_id	Smallint	Foreign Key
Rental_duration	Smallint	How long the rental duration was
Rental_rate	Numeric	The rating of the rental
Length	Smallint	The film length
Replacement_cost	Numeric	The cost of replacement when film was lost
Rating	User-defined	The rating of the film
Last_update	Timestamp	
Special_features	Array	
Fulltext	tsvector	

## Country

Columns	Data Type	Description
Country_id	Integer	Primary Key
Country	Character varying	The country in which the

		film was produced
Last_update	Timestamp	

## City

Columns	Data Type	Description
City_id	Integer	Primary Key
City	Character varying	The city in which the film was produced
Country_id	Smallint	Foreign Key
Last_update	Timestamp	

## Address

Columns	Data Type	Description
Address_id	Integer	Primary Key
Address	Character varying	
Address2	Character varying	
District	Character varying	
City_id	Smallint	Foreign Key
Postal_code	Character varying	
Phone	Character varying	
Last_update	Timestamp	

## Staff

Columns	Data Type	Description
Staff_id	Integer	Primary Key
First_name	Character varying	First name of employee
Last_name	Character varying	Last name of employee
Address_id	Smallint	Foreign Key
Email	Character varying	Employee email address
Store_id	Smallint	

Active	Boolean	
Username	Character varying	
Password	Character varying	
Last_update	Timestamp	
Picture	bytea	

## Customer

Columns	Data Type	Description
Customer_id	Integer	Primary Key
Store_id	Smallint	The store the customer rents their films in
First_name	Character varying	First name of the customer
Last_name	Character varying	Last name of the customer
Email	Character varying	Email of the customer
Address_id	Smallint	Foreign Key
Activebool	Boolean	
Create_date	Date	
Last_update	Timestamp	
Active	Integer	