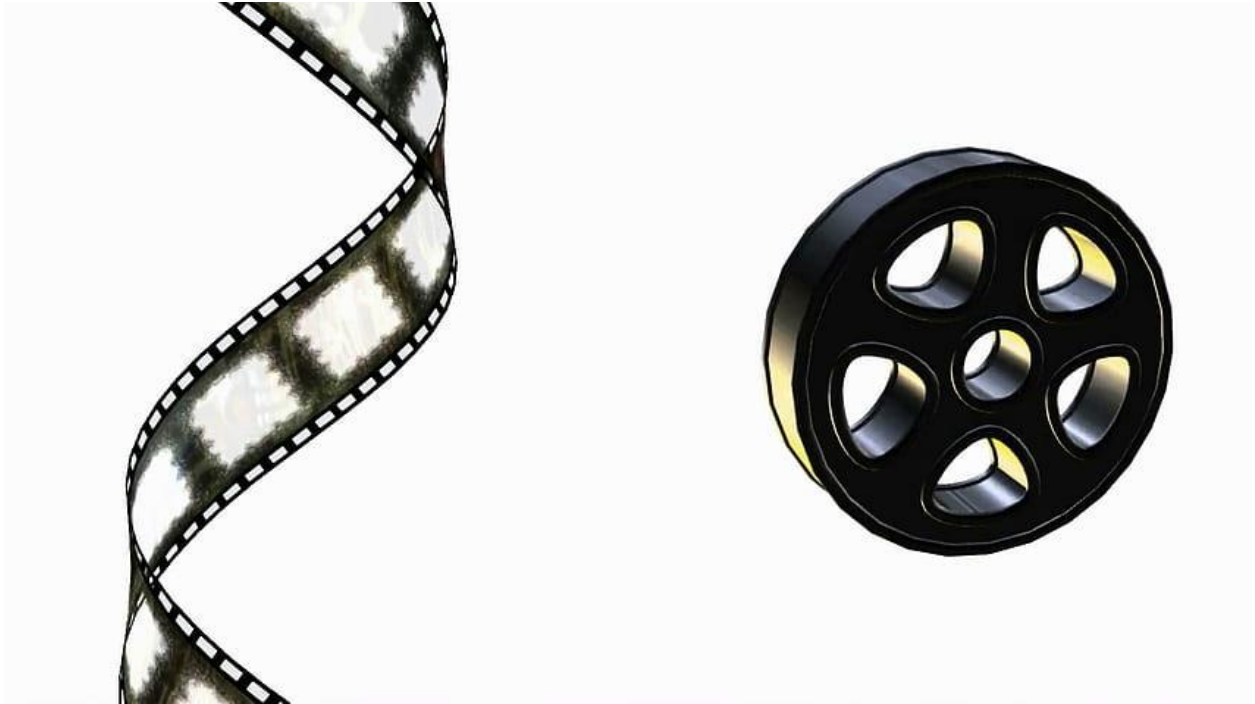


# Rockbuster Stealth



Data Dictionary

## Table of Contents

<b>1. Entity Relationship Diagram.....</b>	<b>3</b>
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### **2. Tables**

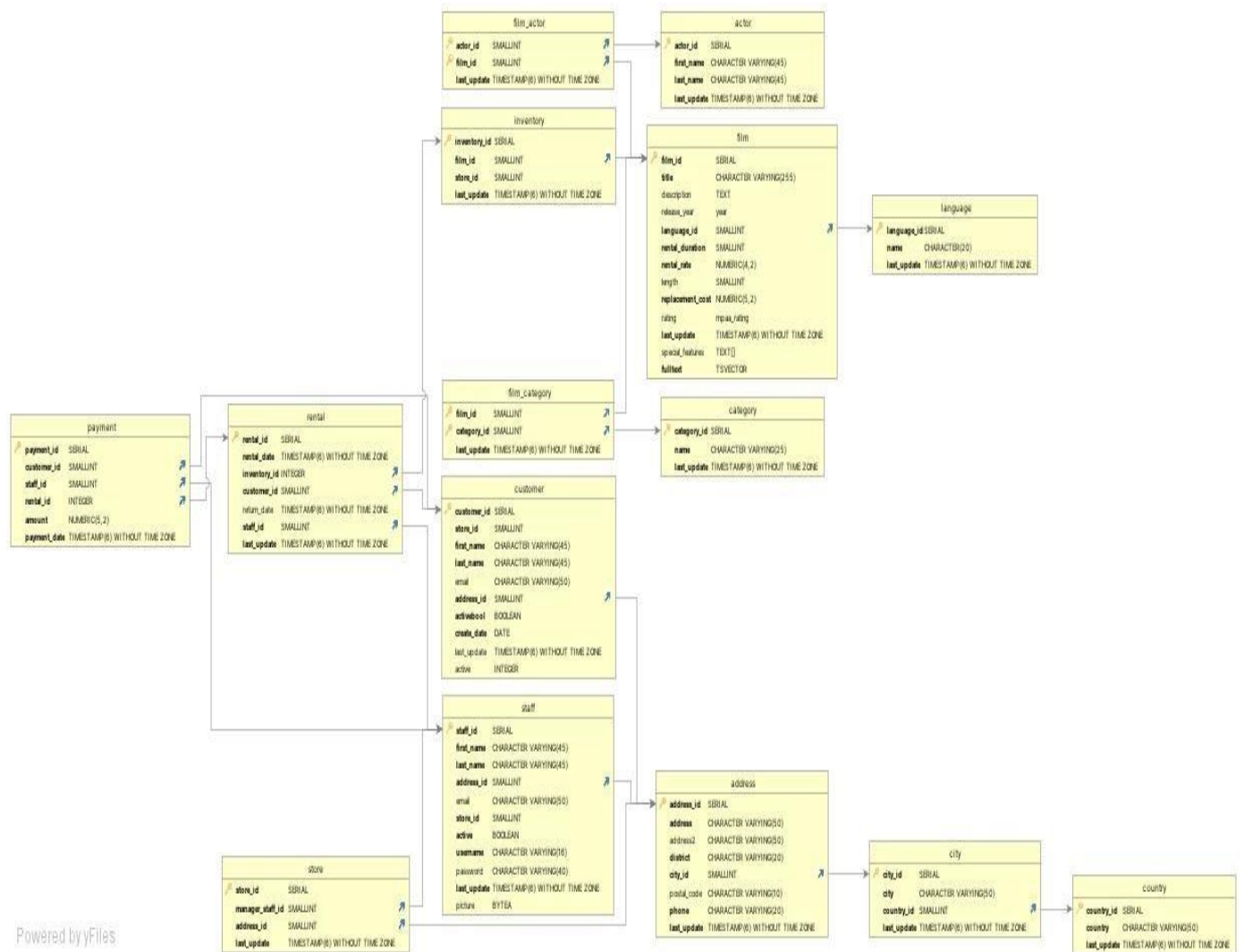
#### **2.1 Dimension tables**

2.1.1 Actor .....	4
2.1.2 Address. ....	4
2.1.3 Category.....	4
2.1.4 City .....	5
2.1.5 Country .....	5
2.1.6 Customer.....	5
2.1.7 Film .....	6
2.1.8 Film_Actor.....	6
2.1.9 Film_category .....	7
2.1.10 Inventory.....	7
2.1.11 Language.....	7
2.1.12 Staff.....	8
2.1.13 Store.....	8

#### **2.2 Fact tables**

2.2.1 Rental.....	9
2.2.2 Payment.....	9

# Entity Relationship Diagram:



## Dimension tables:

Table_Actor	Columns	Data_type	Description
Linked to: language	actor_id (PK)	integer	unique identifier of actor
	first_name	character varying(45)	actor's first name
	last_name	character varying(45)	actor's last name
	last_update	timestamp without time zone	date and time of the last update

Address	Columns	Data_type	Description
Linked to: city, customer staff, store	address_id (PK)	integer	unique identifier of address
	address	character varying (50)	address information
	address2	character varying (50)	extra details about address
	district	character varying (50)	address location (city, state)
	city_id (FK)	smallint	unique identifier of city
	postal_code	character varying (10)	postal code number
	phone	character varying (20)	phone number of the customer
	last_update	timestamp without time zone	date and time of the last update

Category	Columns	Data_type	Description
Linked to: Film_category	category_id (PK)	integer	unique identifier of category
	name	character varying (50)	genre name
	last_update	timestamp without time zone	date and time of the last update

City	Columns	Data_type	Description
Linked to: Country, address	city_id (PK)	integer	unique identifier of city
	city	character varying (50)	name of the city
	country_id (FK)	smallint	unique identifier of country
	last_update	timestamp without time zone	date and time of the last update

Country	Columns	Data_type	Description
Linked to: city	country_id (PK)	integer	unique identifier of country
	country	character varying (50)	name of the country
	last_update	timestamp without time zone	date and time of the last update

Customer	Columns	Data_type	Description
Linked to: address, inventory, payment	customer_id (PK)	integer	unique identifier of customer
	store_id (FK)	smallint	unique identifier of store
	first_name	character varying (45)	details of the customer's name
	last_name	character varying (45)	details of the customer's last name
	email	character varying (50)	customer's email
	address_id (FK)	smallint	unique identifier of address
	activebool	boolean	boolean for active or inactive customer (true/false)
	create_date	date	date when the customer account was created
	last_update	timestamp without time zone	last time the information was updated
	active	integer	active/inactive customer 1,0

Film	Columns	Data_type	Description
Linked to: inventory, language, film_category	film_id (PK)	integer	unique identifier of customer
	title	character varying (255)	Film's name
	description	text	film's general description
	release_year	integer	year when the film was released
	language_id (FK)	smallint	unique identifier of language
	rental_duration	smallint	rental duration for that film
	rental_rate	numeric	cost of film's rent
	length	smallint	movie length in minutes
	replacement_cost	numeric	cost of the film in case it has to be replaced
	rating	USER-DEFINED	film rate by the customer
	last_update	timestamp without time zone	last time the information was updated
	special_features	ARRAY	additional features
	fulltext	tsvector	additional details

Film_actor	Columns	Data_type	Description
Linked to: Film_category language	actor_id (PK)	smallint	unique identifier of actor
	film_id (FK)	smallint	unique identifier of film
	last_update	timestamp without time zone	date and time of the last update

Film_category	Columns	Data_type	Description
Linked to: category, film	film_id (FK)	smallint	unique identifier of actor
	category_id (PK)	smallint	unique identifier of category
	last_update	timestamp without time zone	date and time of the last update

Inventory	Columns	Data_type	Description
Film, rental	inventory_id (PK)	integer	unique identifier of inventory
	film_id (FK)	smallint	unique identifier of film
	store_id (FK)	smallint	unique identifier of store
	last_update	timestamp without time zone	date and time of the last update

Language	Columns	Data_type	Description
Linked to: actor, film	language_id (PK)	integer	unique identifier of language
	name	character (20)	language name
	last_update	timestamp without time zone	date and time of the last update

Staff	Columns	Data_type	Description
Linked to: payment, rental, address, store	staff_id (PK)	inter	unique identifier of staff
	first_name	character varying (45)	staff person first name
	address_id (FK)	smallint	unique identifier of address
	email	character varying (50)	staff person email
	store_id (FK)	smallint	unique identifier of store
	active	boolean	true/false staff is active
	username	character varying (16)	staff's username
	password	character varying (40)	staff's account password
	last_update	timestamp without time zone	date and time of the last update
	picture	bytea	picture of the person (staff)

Store	Columns	Data_type	Description
Linked to: staff, address	store_id (PK)	integer	unique identifier of store
	manager_staff_id (FK)	smallint	unique identifier of staff
	address_id (FK)	smallint	unique identifier of address
	last_update	timestamp without time zone	date and time of the last update



## Fact Tables:

Payment	Columns	Data_type	Description
Linked to: customer, rental, staff	payment_id (PK)	inter	unique identifier of payment
	customer_id (FK)	smallint	unique identifier of customer
	staff_id (FK)	smallint	unique identifier of staff
	rental_id (FK)	integer	unique identifier of rental
	amount	numeric	payment registered
	payment_date	timestamp without time zone	date and time of the last update

Rental	Columns	Data_type	Description
Linked to: customer, inventory, staff, payment	rental_id (PK)	integer	unique identifier of rental
	rental_date	timestamp without time zone	the date when the film was rented
	inventory_id (FK)	integer	unique identifier of inventory (item rented)
	customer_id (FK)	smallint	unique identifier of customer
	return_date	timestamp without time zone	date when the film was returned
	staff_id (FK)	smallint	unique identifier of staff
	last_update	timestamp without time zone	date and time of the last update