

# Rockbuster Stealth LLC

## Data Dictionary

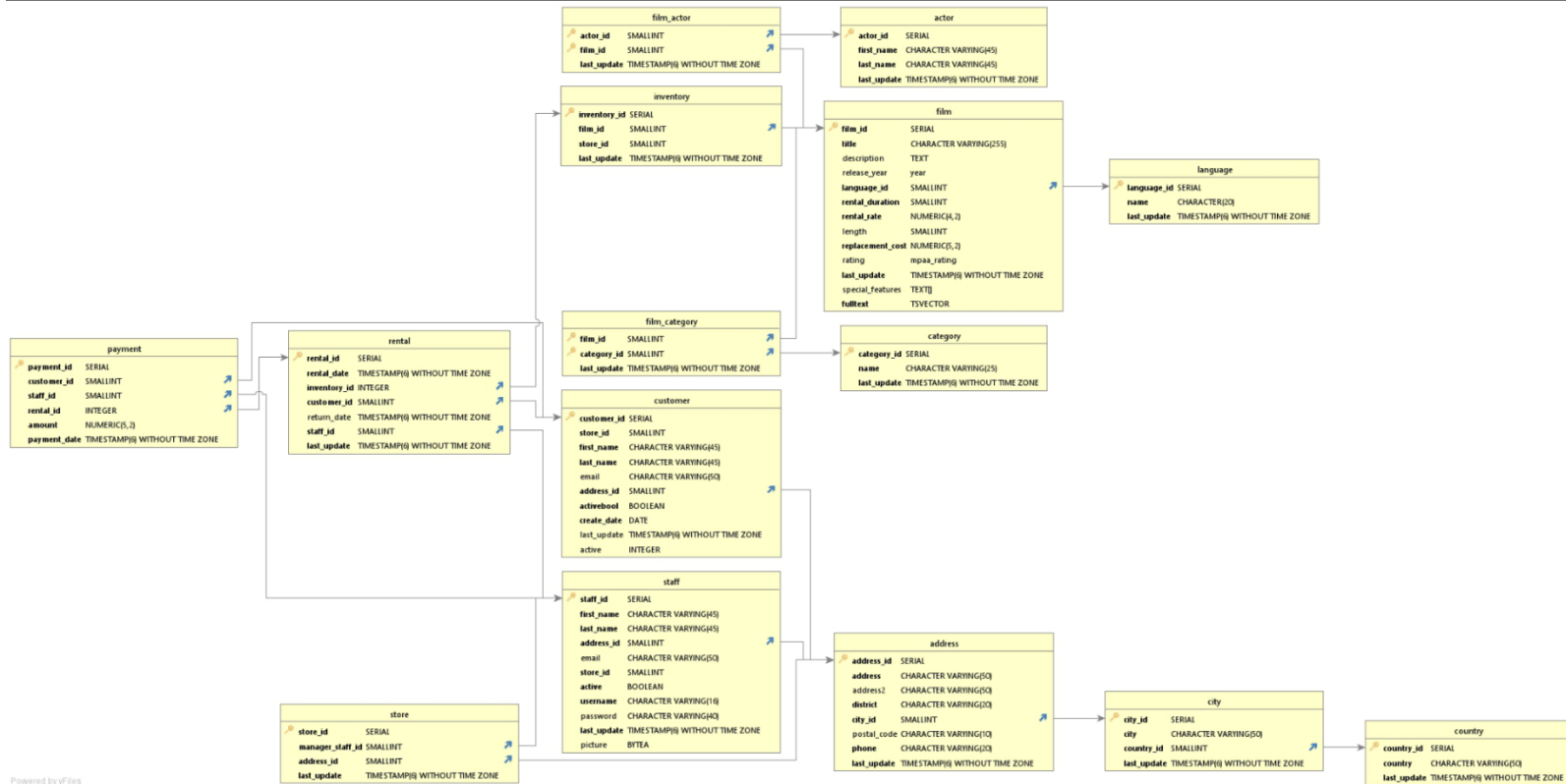
10/02/2023



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# 1. Entity Relationship Diagram of Rockbuster



## 2. Fact table

### 2.1 Rental

Tables	Column	Data types	Description
rental	rental_id	Serial	Rental id number
	rental_date	Timestamp(6) without time zone	The date and time of the rental without time zone
	inventory_id	Integer	Inventory id number
	customer_id	Smallint	Customer id number
	return_id	Timestamp(6) without time zone	Return date and time but without time zone
	staff_id	Smallint	Staff id number
	last_update	Timestamp(6) without time zone	The date and time of the last update without time zone
Links to tables: Payment, inventory, customer & staff			

## 3. Dimension tables

### 3.1 Payment

Tables	Column	Data types	Description
payment	payment_id	Serial	Unique payment id number
	customer_id	Smallint	Customer id number
	staff_id	Smallint	Staff id number who sold the item
	rental_id	Integer	Rental id number

	amount	Numeric(5,2)	Amount paid by the customer
	payment_date	Timestamp(6) without time zone	Date of the payment, without including the time zone
Links to tables: Rental, customer & staff			

### 3.2 Store

Tables	Column	Data types	Description
store	store_id	Serial	Store id number
	manager_staff_id	Smallint	Manager staff id number
	address_id	Smallint	Address id number
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: Address & store			

### 3.3 Film\_actor

Tables	Column	Data types	Description
film_actor	actor_id	Smallint	Actor id number
	film_id	Smallint	Film id number
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: Film & actor			

### 3.4 Inventory

Tables	Column	Data types	Description
inventory	inventory_id	Serial	Inventory id number
	film_id	Smallint	Film id number
	store_id	Smallint	Store id number
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: Rental & film			

### 3.5 Film\_category

Tables	Column	Data types	Description
film_category	Film_id	Smallint	Film id number
	Category_id	Smallint	Category id number
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: Film & category			

### 3.6 Customer

Tables	Column	Data types	Description
customer	customer_id	Serial	Customer id number
	store_id	Smallint	Store id number
	first_name	Character varying(45)	First name of the customer, in characters, not

			exceeding the length of 45
	last_name	Character varying(45)	Last name of the customer, in characters, not exceeding the length of 45
	email	Character varying(50)	Email address of the customer, in characters, not exceeding the length of 50
	address_id	Smallint	Address id number
	activebool	Boolean	True/false depending if customer is active or not
	create_date	Date	Date when the customer file was made
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
	active	Integer	Number of the active customer
Links to tables: Address, payment & staff			

### 3.7 Staff

Tables	Column	Data types	Description
staff	staff_id	Serial	Staff id number
	first_name	Character varying(45)	First name of the staff, in characters, not exceeding the length of 45

	last_name	Character varying(45)	Last name of the staff, in characters, not exceeding the length of 45
	address_id	Smallint	Address id number
	email	Character varying(50)	Email address of the staff, in characters, not exceeding the length of 50
	store_id	Smallint	Store id number
	active	Boolean	True/false whether staff is active or not
	username	Character varying(16)	Username of the staff in characters, not exceeding the length of 16
	password	Character varying(40)	Password of the staff in characters, not exceeding the length of 40
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
	picture	Bytea	Photo of the staff
Links to tables: Address, customer, store & payment			

### 3.8 Actor

Tables	Column	Data types	Description
actor	actor_id	Serial	Id number of the actor
	first_name	Character varying(45)	First name of the actor, in characters,



			not exceeding the length of 45
	last_name	Character varying(45)	Last name of the actor, in characters, not exceeding the length of 45
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone

### 3.9 Film

Tables	Column	Data types	Description
film	film_id	Serial	Unique identifier for film
	title	Character varying(255)	Title of the film, in characters, not exceeding the length of 255
	description	Text	Description of the film
	release_year	Year	Year when the film was released
	language_id	Smallint	Language id of the film
	rental_duration	Smallint	The duration of the rental of the film
	rental_rate	Numeric(4,2)	The rental rate of the film
	length	Smallint	The length of the film
	replacement_cost	Numeric(5,2)	The cost of replacing the film
	rating	Mpaa_rating	The rating of the film

	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
	special_features	Text[]	Refers to special features that the rental includes, for instance, trailers, behind the scenes
	fulltext	Tsvector	Text is organized in an optimized form for text search
Links to tables: Inventory, film_actor, film_category & language			

## 4.0 Category

Tables	Column	Data types	Description
category	category_id	Serial	Unique identifier of the category
	name	Character varying(25)	Name of the category of film, in characters, not exceeding the length of 25
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: Film_actor			

## 4.1 Address

Tables	Column	Data types	Description
address	address_id	Serial	Unique identifier of address id
	address	Character varying(50)	Address, in characters, not exceeding the length of 50
	address2	Character varying(50)	Second address line, in characters, not exceeding the length of 50
	district	Character varying(20)	District, in characters, not exceeding the length of 20
	city_id	Smallint	City id
	postal_code	Character varying(10)	Postal code, in characters, not exceeding the length of 10
	phone	Character varying(20)	Phone number, in characters, not exceeding the length of 20
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: City, customer, staff & store			

## 4.2 Language

Tables	Column	Data types	Description
language	language_id	Serial	Language id in numbers
	name	Character(20)	Name of the language, in characters, not exceeding the length of 20
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: Film			

### 4.3 City

Tables	Column	Data types	Description
city	city_id	Serial	City id in numbers
	city	Character varying(50)	Name of the city, in characters, not exceeding the length of 50
	country_id	Smallint	Country id
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: Address & country			

## 4.4 Country

Tables	Column	Data types	Description
country	country_id	Serial	Country id
	country	Character varying(50)	Name of the country, in characters, not exceeding the length of 50
	last_update	Timestamp(6) without time zone	Date and time of the last update without time zone
Links to tables: <a href="#">City</a>			