

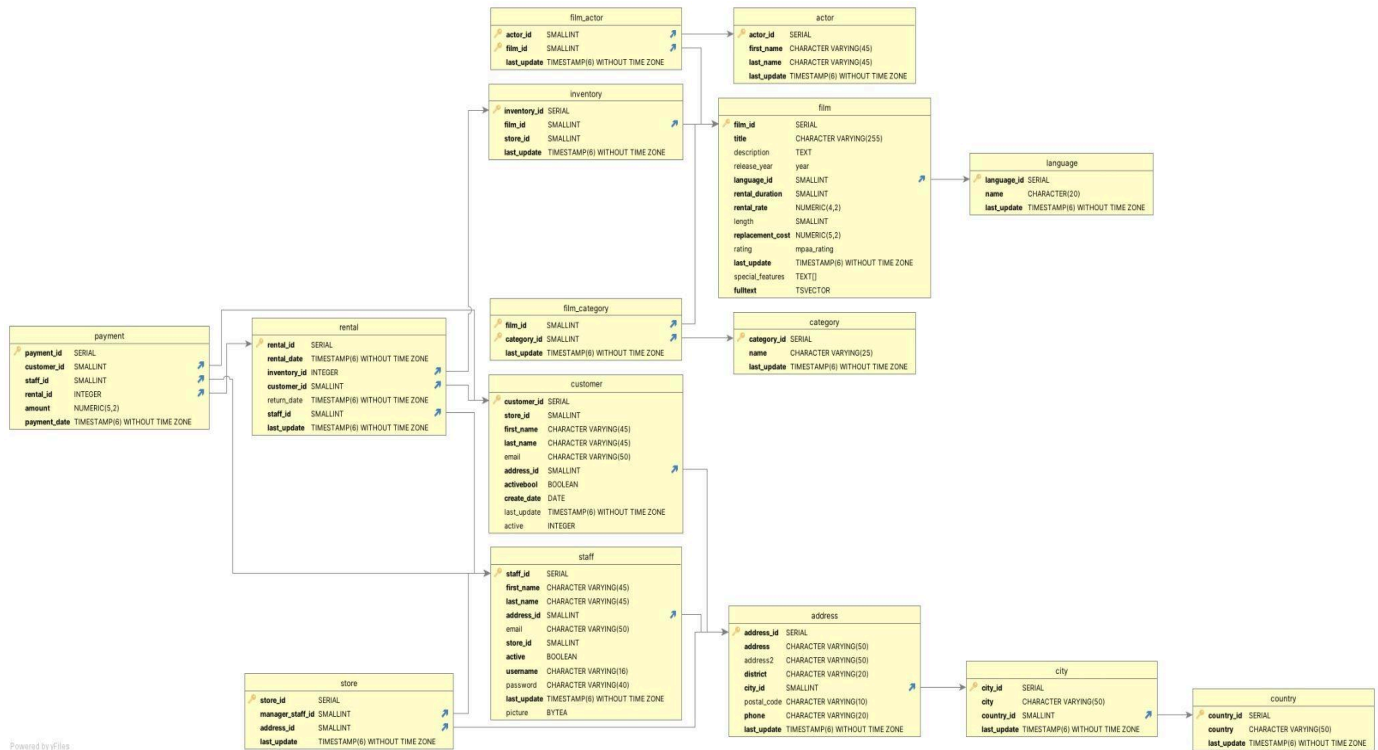
# Rockbuster Stealth

## Data Dictionary

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# 1.Entity Relation Diagram(ERD)



## Fact Tables

### film\_category Table

Column	Data Type	Description
film_id	[PK] smallint	Film Id number
category_id	[PK] smallint	Category Id number
last_update	Timestamp(6) without time zones	Date when this Table is last updated

### Rental Table

Column	Data Type	Description
rental_id	[PK] Integer	Rental ID
rental_date	Timestamp without time zones	Rental date
inventory_id	Integer	Inventory date
customer_id	Smallint	Customer ID
return_date	Timestamp without time zones	Date
staff_id	Smallint	Staff ID
last_update	Timestamp without time zones	Date when this Table is last updated

### Store Table

Column	Data Type	Description
store_id	[PK] integer	Store id
manager_staff_id	smallint	Manager Staff ID
address_id	smallint	Address ID
last_update	Timestamp(6) without time zones	Date when this Table is last updated

### Payment Table

Column	Data Type	Description
payment_id	Serial	Payment id number
customer_id	Smallint	Customer id number
staff_id	Smallint	Staff id number
rental_id	integer	Rental id number
amount	numeric(5,2)	Amount
payment_date	Timestamp without time zones	Payment date

### Inventory Table

Column	Data Type	Description
inventory_id	[PK] SERIAL	Inventory_id
film_id	Smallint	Film_id
store_id	Smallint	store_id
last_update	Timestamp without time zones	Date when this Table is last updated

## Dimension Table

### Customer Table

Column	Data Type	Description
customer_id	[PK] Integer	Customer ID
store_id	smallint	Store ID
first_name	Character(45)	Customer First Name
last_name	Character(45)	Last Name of Customer
email	Character(50)	Customer Email ID
address_id	smallint	Address of Customer
activebool	boolean	True or False
create_date	Date	Customer since date
last_update	Timestamp(6) without time zones	Date when this Table is last updated
active	Integer	

### Actor Table

Column	Data Type	Description
actor_id	int	Actors Id number
first_name	Character(45)	Actors first name
last_name	Character(45)	Actors last name
last_update	Timestamp without time zones	Date when this Table is last updated

### Staff Table

Column	Data Type	Description
staff_id	[PK] integer	Staff id
first_name	Character(45)	First Name of Staff
last_name	Character(45)	Last Name of Staff
address_id	Smallint	Address id of staff
email	Character(45)	Staff Email ID
store_id	Smallint	Store id
active	Boolean	True or False
username	Character(45)	Username of Staff
password	Character(45)	Password of Staff
picture	Bytea	Picture of Staff
last_update	Timestamp(6) without time zones	Date when this Table is last updated

### Category Table

Column	Data Type	Description
category_id	[PK] integer	Category ID
name	Character(25)	Genre of Film
last_update	Timestamp without time zones	Date when this Table is last updated

### Language Table

Column	Data Type	Description
language_id	[PK] integer	Language ID
name	Character	Language Name
last_update	Timestamp without time zones	Date when this Table is last updated

### Film Table

Column	Data Type	Description
film_id	[PK] integer	Film ID
title	Character(255)	Title of Film
description	Text	Description about Film
release_year	Integer	Film release Date
language_id	Smallint	Language ID
rental_duration	Smallint	Rental duration
rental_rate	Numeric(4,2)	Rental Rate
length	Smallint	Length of Film
replacement_cost	Numeric(5,2)	Replacement cost for film
rating	mpaa_rating	Film ratings
spetial_features	Text	Trailers
fulltext	tsvector	Text
last_update	Timestamp without time zones	Date when this Table is last updated



### Address Table

Column	Data Type	Description
address_id	[PK] integer	Address ID
address	Character(45)	Address
address2	Character(45)	Address
district	Character(45)	District
city_id	Smallint	City
postal_code	Character(45)	Postal Code
phone	Character(45)	Phone Number
last_update	Timestamp without time zones	Date when this Table is last updated