

# Rockbuster Stealth data dictionary

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DATA DICTIONARY

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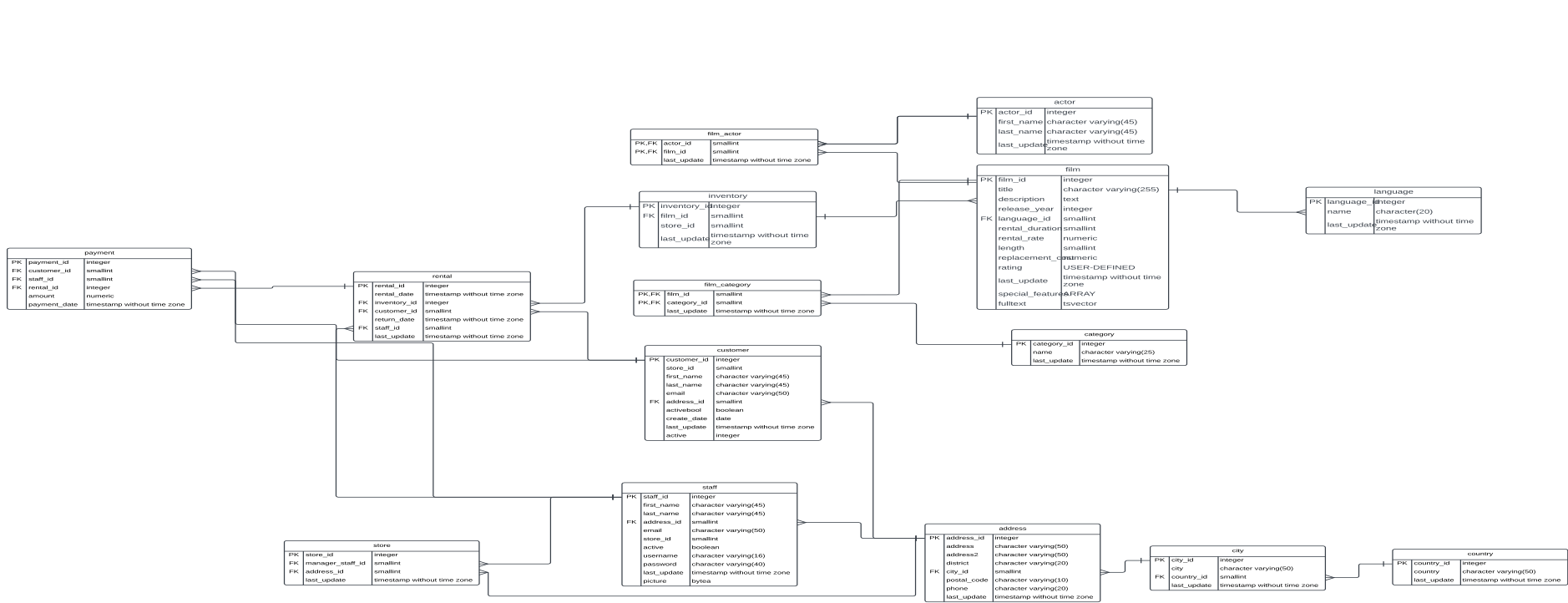
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## Legend

PK- primary key

FK- foreign key

## Entity relationship diagram



## Fact Tables

### Payment

Columns	Data Type	Description
PK- Payment_id	integer	Unique payment identifier
FK- Customer_id	smallint	Unique customer identifier
FK- Staff_id	smallint	Unique staff identifier
FK- Rental_id	integer	Unique rental identifier
amount	numeric	Cost in numbers
Payment_date	Timestamp without time zone	Date of payment

**Links to:** rental (rental\_id, customer (customer\_id), staff (staff\_id)

## Rental

Columns	Data Type	Description
PK- Rental_id	Integer	Unique rental identifier
Rental_date	Timestamp without time zone	Date of rental
FK- Inventory_id	Integer	Unique inventory identifier
FK- Customer_id	Smallint	Unique customer identifier
Return_date	Timestamp without time zone	Date of return
FK- Staff_id	Smallint	Unique staff identifier
Last_update	Timestamp without time zone	Time of last update

**Links from:** payment (rental\_id)

**Links to:** staff (staff\_id), customer (customer\_id), inventory (inventory\_id)

## Dimension Tables

### Actor

Columns	Data Type	Description
PK- Actor_id	Integer	Unique actor identifier
First_name	Character varying	First name of actor
Last_name	Character varying	Last name of actor
Last_update	Timestamp without time zone	Time of last update

**Links to:** film\_actor (actor\_id)



## Address

Columns	Data Type	Description
PK- Address-id	Integer	Unique address identifier
Address	Character varying	First address line
Address2	Character varying	Second address line
District	Character varying	District of address
FK- City_id	Smallint	Unique city identifier
Postal_code	Character varying	Postal code of address
Phone	Character varying	Phone number for address
Last_update	Timestamp without time zone	Time of last update

**Links from:** customer (address\_id), store (address\_id), staff (address\_id)

**Links to:** city (city\_id)

## Category

Columns	Data Type	Description
PK- Category_id	Integer	Unique category identifier
Name	Character varying	Name of category
Last_update	Timestamp without time zone	Time of last update

**Links from:** film\_category (category\_id)

## City

Columns	Data Type	Description
PK- City_id	Integer	Unique city identifier
City	Character varying	Name of city
FK- Country_id	Smallint	Unique country identifier
Last_update	Timestamp without time zone	Time of last update

**Links from:** address (city\_id)

**Links to:** country (country\_id)

## Country

Columns	Data Type	Description
PK- Country_id	Integer	Unique country identifier
Country	Character varying	Name of country
Last_update	Timestamp without time zone	Time of last update

**Links from:** city (country\_id)

## Customer

Columns	Data Type	Description
PK- Customer_id	integer	Unique customer identifier
Store_id	smallint	Unique store identifier
First_name	Character varying	Customer first name
Last_name	Character varying	Customer last name
Email	Character varying	Customer email address
FK- Address_id	smallint	Customer address
Activebool	boolean	Customer activity status
Create_date	date	Date of profile creation
Last_update	Timestamp without time zone	Time of last update
active	integer	Active integer

**Links from:** payment (customer\_id), rental (customer\_id)

**Links to:** address (address\_id)

## Film

Columns	Data Type	Description
PK- Film_id	Integer	Unique film identifier
Title	Character varying	Title of film
Description	text	Description of film
Release_year	Integer	Year of film release
FK- Language_id	smallint	Unique language identifier
Rental duration	smallint	Duration of film rental
Rental_rate	Numeric	Rate of rental
Length	smallint	Length of film
Replacement_cost	Numeric	Cost of film replacement
Rating	USER-DEFINED	Film rating
Last_update	Timestamp without time zone	Time of last update
Special_features	ARRAY	Special features of film
Fulltext	Tsvector	Film text index

**Links from:** film\_actor (film\_id), inventory (film\_id), film\_category (film\_id)

**Links to:** language (language\_id)

### Film-actor

Columns	Data Type	Description
PK,FK- Actor_id	Smallint	Unique actor identification
Pk,FK- Film_id	Smallint	Unique film identifier
Last_update	Timestamp without time zone	Time of last update

**Links to:** actor (actor\_id), film (film\_id)

### Film\_category

Columns	Data Type	Description
PK,FK- Film_id	Smallint	Unique film identifier
PK,FK- Category_id	Smallint	Unique category identifier
Last_update	Timestamp without time zone	Time of last update

**Links to:** category (category\_id), film (film\_id)

### Inventory

Columns	Data Type	Description
PK- Inventory_id	Integer	Unique inventory identifier
FK- Film_id	Smallint	Unique film identifier
Store_id	Smallint	Unique store identifier
Last_update	Timestamp without time zone	Time of last update

**Links from:** rental (inventory\_id)

**Links to:** film (film\_id)

## Language

Columns	Data Type	Description
PK- Language_id	Integer	Unique language identifier
Name	Character	Language name
Last_update	Timestamp without time zone	Time of last update

**Links from:** film (language\_id)



## Staff

Columns	Data Type	Description
PK- Staff_id	Integer	Unique staff identifier
First_name	Character varying	First name of staff member
Last_name	Character varying	Last name of staff member
FK- Address_id	Smallint	Unique address identifier
Email	Character varying	Email address of Staff member
Store_id	Smallint	Unique store identifier
Active	Boolean	Employment status
Username	Character varying	Username of Staff member
Password	Character varying	Password of staff member
Last_update	Timestamp without time zone	Time of last update
Picture	Bytea	Picture of staff member

**Links from:** payment (staff\_id), store (address\_id), rental (staff\_id)

**Links to:** address (address\_id)

### Store

Columns	Data Type	Description
PK- Store_id	Smallint	Unique store identifier
FK- Manager_staff_id	Smallint	Unique store manager identifier
FK- Address_id	Smallint	Unique address identifier
Last_update	Timestamp without time zone	Time of last update

**Links to:** staff (address\_id), address (address\_id)