



DATA DICTIONARY

Rockbuster Stealth LLC

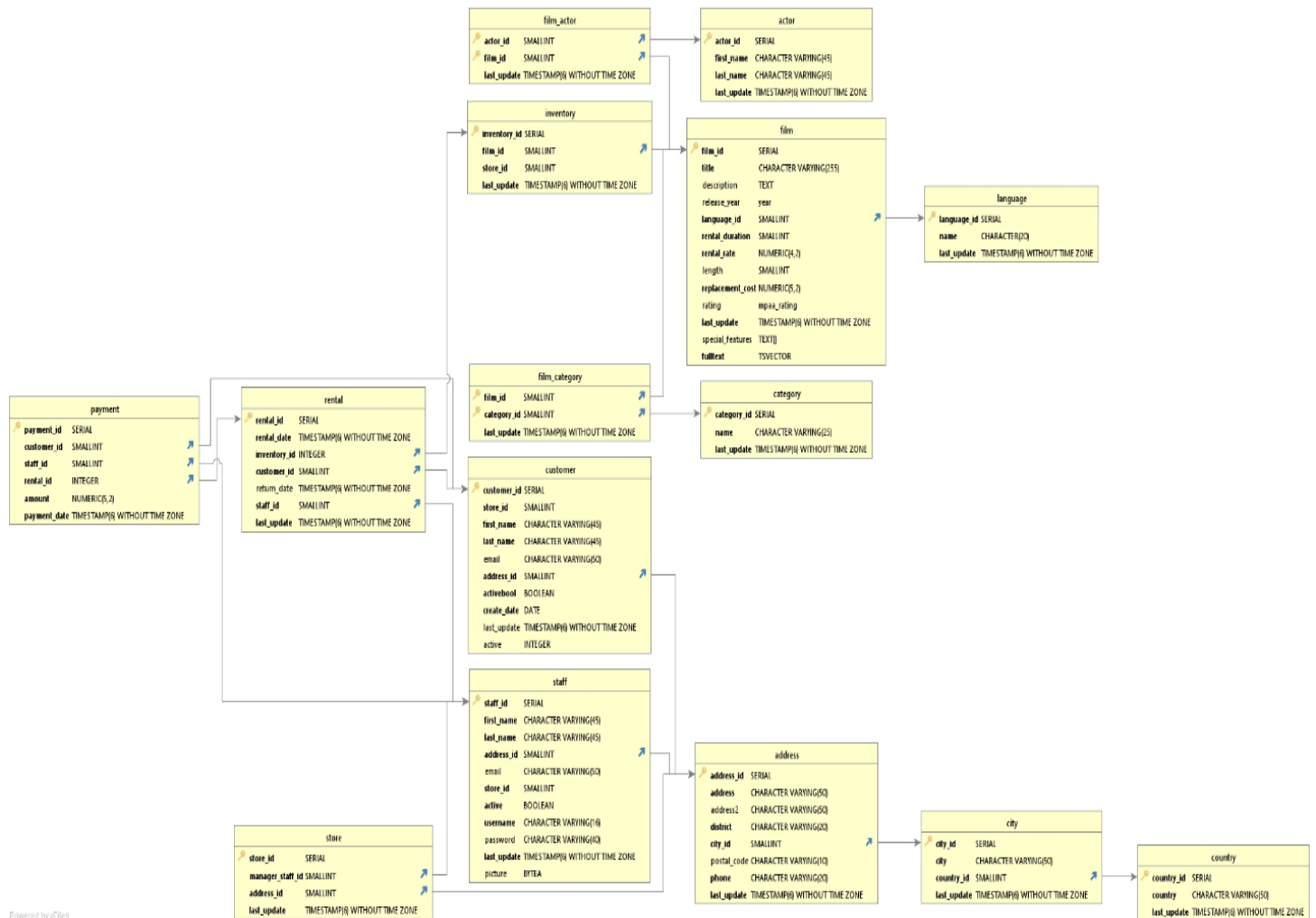
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Entity Relationship Diagram



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Fact Tables

Rental

Columns	Data type	Description	Keys
Rental_id (key)	Serial	ID given for rental videos	Primary key
Rental_date	Timestamp (6) w/time zone	Videos rental Date format w/time zone	
Inventory_id	Integer	ID given for track inventory	Foreign key
Customer_id	Smallint	ID given to customer	Foreign key
Return_date	Timestamp (6) w/time zone	Video return date format w/time zone	
Staff_id	Smallint	ID given to staff	Foreign key
Last_update	Timestamp(6) w/time zone	Last date update information	

Primary key link with Payment

Foreign keys link with Customer, Inventory, Staff

Dimension Tables

Customer

Columns	Data type	Description	Keys
Customer id	Serial	ID given to customer	Primary key
Store id	Smallint	ID given to store	
First name	Character varying (45)	First name of customer	
Last name	Character varying (45)	Last name of customer	
Email	Character varying (50)	Customer email	
Address id	Smallint	ID given to address	Foreign key
Activebool	Boolean	Status of active (y/n) or (t/f)	
Create date	Date	Creation date	
Last update	Timestamp(6) w/time zone	Last update date w/time zone	
Active	Integer	status	

Links with Rental, Address

Staff

Columns	Data type	Description	keys
Staff id	Serial	ID given to staff	Primary key
First name	Character varying (45)	First name of staff	
Last name	Character varying (45)	Last name of staff	
Address id	Smallint	Staff address id	Foreign key
Email	Character varying (50)	Staff email	
Store id	Smallint	ID given to store	
Active	Boolean	Status on staff	
Username	Character varying (16)	Username for staff	
Password	Character varying (40)	Staff password	
Last update	Timestamp (6) w/time zone	Last update of staff information	
picture	BYTEA	Picture of staff (staff id photo)	

Links with Rental, Payment, Address, Store

Payment (receipt payment)

Columns	Data type	Description	Keys
Payment id	Serial	ID given to payment	Primary key
Customer id	Smallint	ID given to customer	Foreign key
Staff id	Smallint	ID given to staff	Foreign key
Rental id	Integer	Rental ID given to video	Foreign key
amount	Numeric(5,2)	Total amount	

Payment date	Timestamp (6) w/time zone	Date of payment	
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Links with Customer, Rental, Staff

Inventory

Columns	Data type	Description	Keys
Inventory id	Serial	Inventory ID	Primary key
Film_id	Smallint	ID given to film	
Store_id	Smallint	ID given to store	
Last_update	Timestamp (6) w/time zone	Last update on inventory	

Links with Film, Rental

Film_category

Columns	Data type	Description	Keys
Film id	Smallint	ID given to film	Primary/Foreign key
Category_id	Smallint	ID given to type of category	Primary/ Foreign key
Last update	Timestamp (6) w/time zone	Last update on film category	

Links via Film_id, Category_id

Sub-dimension tables

Address

Columns	Data type	Description	Keys
Address id	Serial	ID given to address	Primary key
Address	Character varying (50)	Store main address	
Address2	Character varying (50)	Store address2	
District	Character varying (20)	Store district	
City id	Smallint	Store id	Foreign key
Postal code	Character varying (10)	Store postal code	
Phone	Character varying (20)	Store phone	
Last update	Timestamp (6) w/time zone	Last update on address	

Links with Store, Customer, City, Staff

City

Columns	Data type	Description	Keys
City id	Serial	Store city id	Primary key
City	Character varying (50)	Store city	
Country id	Smallint	ID given to country	Foreign key
Last update	Timestamp (6) w/time zone	Last store city info update	

Links with Country, Address

Country

Columns	Data type	Description	Keys
Country id	Serial	ID given to country	Primary Key
Country	Character varying (50)	Store country	
Last update	Timestamp (6) w/time zone	Last update on store country	

Links with City