



Rockbuster

Stealth

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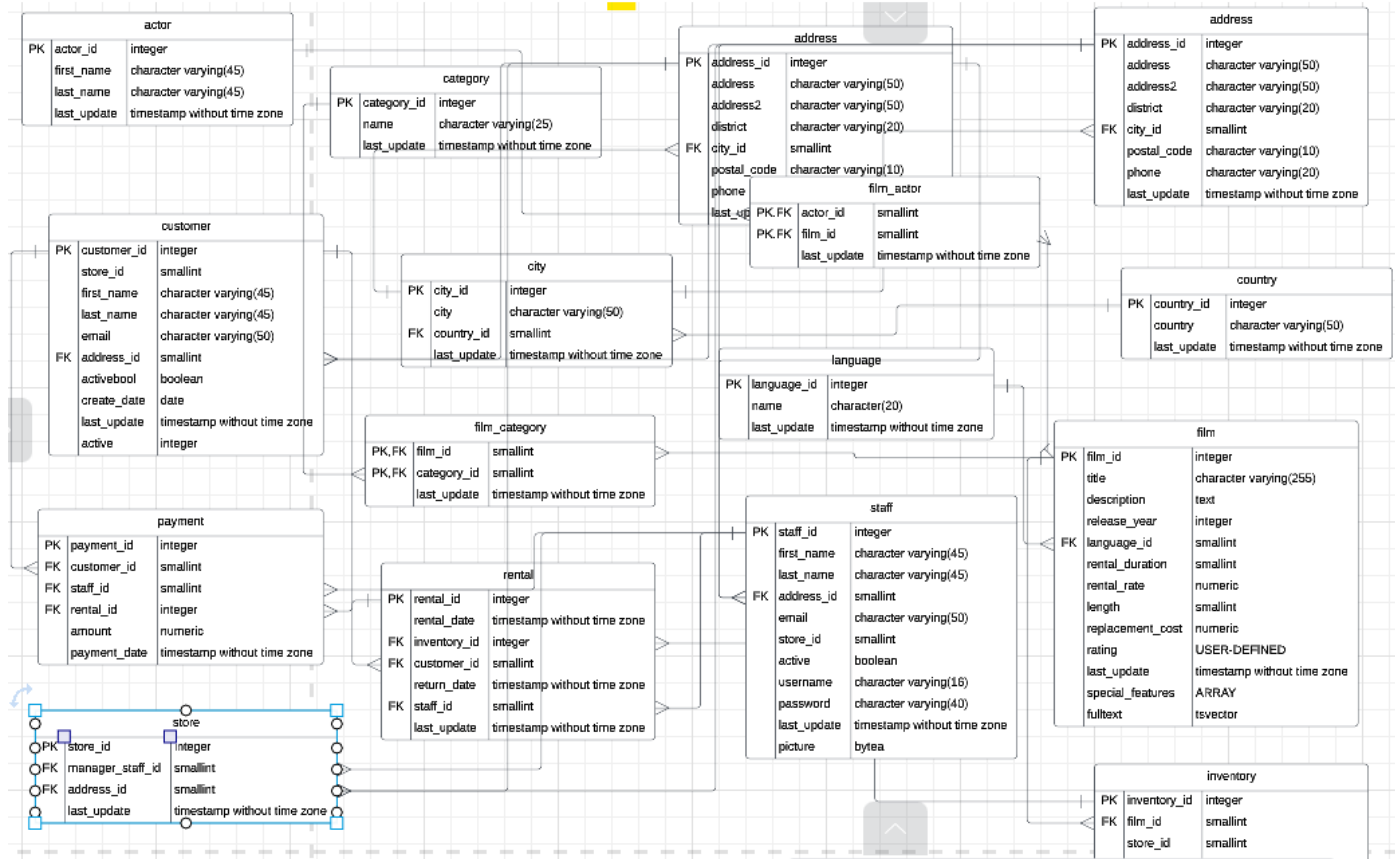
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ERD



Fact Table

Payment Table (SELECT * FROM payment)

Columns	Data type	Description
Payment_id	Integer	Unique id
Customer_id	Small integer	Unique id
Staff_id	Small integer	Unique id
amount	numeric	Cost
Payment_date	Timestamp without time zone	Dates with time

Rent Table (SELECT * FROM rental)

Column	Data type	Description
Rental_id	Serial	Unique rental identifier
Rental_date	Timestamp w/o Time Zone	Date of rental
Inventory_id	Integer	Unique inventory identifier
Customer_id	Small Int	Unique customer identifier
Return_date	Timestamp w/o Time Zone	Date of return
Staff_id	Small Int	Unique staff identifier
Last_update	Timestamp w/o Time Zone	Time of last update

Dimension Table

Customer table (SELECT * FROM customer)

Columns	Data Type	Description
Customer_id	Integer	Customer unique id
Store_id	Small integer	Store id
First_name	Character varying (45)	Customer first name
Last_name	Character varying (45)	Customer last name
Email	Character varying (50)	Email address of every customer
Address_id	Small integer	Customer's address id
Activebool	Boolean	Tell if customer is active or not
Create_date	Date	Date and time

Last_update	Timestamp without time zone	Last update of customer's id
Active	Integer	1 represents yes 0 represents No. Tells about status.

Film Actor Table (SELECT * FROM film_actor)

Column	Data Type	Description
Actor_id	Small Int	Unique identifier of actor
Film_id	Small Int	Unique identifier of film
Last_update	Timestamp w/o Time Zone	Time of last update

Inventory Table (SELECT * FROM inventory)

Column	Data Type	Description
Inventory_id	Serial	Unique identifier of inventory
Film_id	Small Int	Unique identifier of film
Store_id	Small Int	Unique identifier of store
Last_update	Timestamp w/o Time Zone	Time of last update

Film Table (SELECT * FROM film_category)

column	Data Type	Description
Film_id	Small Int	Unique identifier of film
Category_id	Small Int	Unique identifier of category
Last_update	Timestamp w/o Time Zone	Time of last update

Staff Table (SELECT * FROM staff)

Staff_id	Serial	Unique identifier of staff member
First_name	Character Varying(45)	First name of staff member
Last_name	Character Varying(45)	Last name of staff member
Address_id	Small Int	Unique identifier of address
Email	Character Varying(50)	Email address of staff member
Store_id	Small Int	Unique identifier of store
Active	Boolean	Whether staff member is active
username	Character Varying(16)	Staff member's username
Password	Character Varying(40)	Staff member's password
Last_update	Timestamp w/o Time Zone	Time of last update
Picture	Bytea	Picture of staff member

Actor Table (SELECT * FROM actor)

Actor_id	Serial	Unique identifier of actor
First_name	Character Varying(45)	First name of actor
Last_name	Character Varying(45)	Last name of actor
Last_update	Timestamp w/o Time Zone	Time of last update

Film table(SELECT * FROM film)

column	Data type	Description
Film_id	Serial	Unique identifier of film
Title	Character Varying(255)	Title of film
Description	Text	Description of film
Release_year	Year	Year of film release
Language_id	Small Int	Language of film
Rental_duration	Small Int	Duration of rental
Rental_rate	Numeric(4,2)	Rate of rental
Length	Small Int	Length of film
Replacement_cost	Numeric(5,2)	Replacement cost of film
Rating	Mpaa_rating	Rating of film
Last_update	Timestamp w/o Time Zone	Time of last update
Special_features	Text[]	Special features of film
Fulltext	Tsvector	Film index; contains count of key words in description

Category Table(SELECT * FROM category)

Column	Data Type	Description
Category_id	Serial	Unique identifier of category
Name	Character Varying(25)	Name of category
Last_update	Timestamp w/o Time Zone	Time of last update

Address Table (SELECT * FROM address)

Column	Data Type	Description
Address_id	Serial	Unique identifier of address
Address	Character Varying(50)	First line of address
Address2	Character Varying(50)	Second line of address
District	Character Varying(20)	District of address
City_id	Small Int	Unique identifier of city
Postal_code	Character Varying(10)	Postal code associated with address
Phone	Character Varying(20)	Phone number for address
Last_update	Timestamp w/o Time Zone	Time of last update

Country Table (SELECT * FROM country)

Column	Data Type	Description
Country_id	Serial	Unique identifier of country
Country	Character Varying(50)	Name of country
Last_update	Timestamp w/o Time Zone	Time of last update

Language Table (SELECT * FROM language)

Column	Data Type	Description
Language_id	Serial	Unique identifier of language
Name	Character Varying(20)	Name of language
Last_update	Timestamp w/o Time Zone	Time of last update

