

Rockbuster Stealth LLC. D

Data Dictionary



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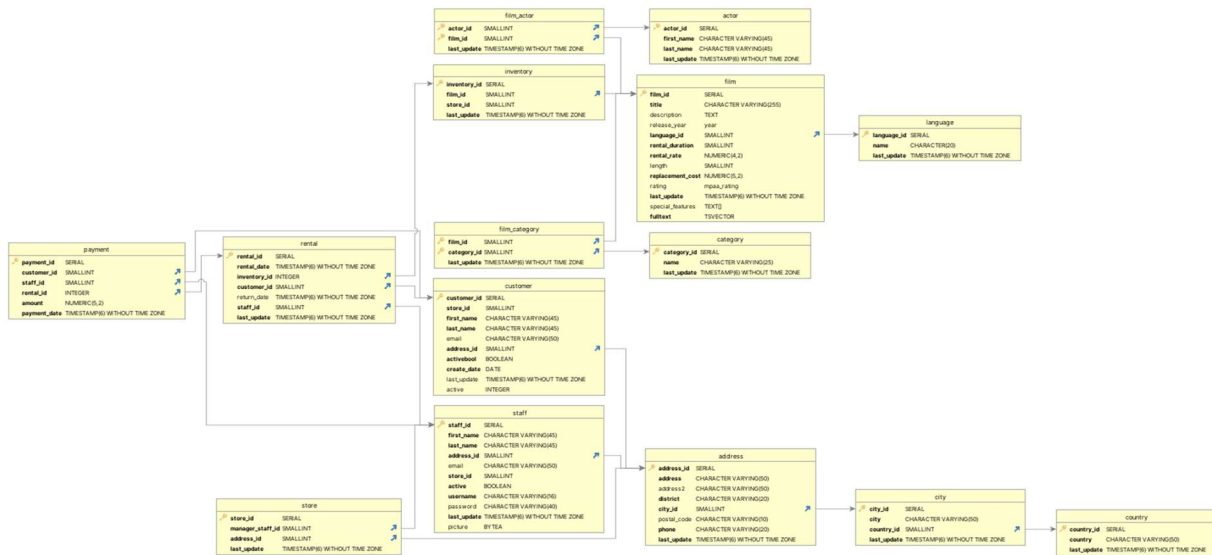
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Entity Relationship Diagram (ERD):



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Fact Tables:

Rental

Columns	Data Type	Description
Rental_id	SERIAL	Unique # assigned to each movie rental
Rental_id	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when movie rental occurred
Inventory_id	INTEGER	Unique # assigned to each movie in inventory
Customer_id	SMALLINT	Unique # assigned to each customer
Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when movie was returned
Staff_id	SMALLINT	Unique # assigned to each staff member
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated.

Dimensions Tables:

Payment

Columns	Data Type	Description
Payment_id	SERIAL	Unique # assigned to each payment
Customer_id	SMALLINT	Unique # assigned to each customer.
Staff_id	SMALLINT	Unique # assigned to each staff member
Rental_id	INTERGER	Unique # assigned to each movie rental.
Amount	NUMERIC(5,2)	\$ amount of each rental
Payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the payment was made

Store

Columns	Data Type	Description
Store_id	SMALLINT	Unique # assigned to each Store
Manager_staff_id	SMALLINT	Unique # assigned to each Manager
Address_id	SMALLINT	Unique # assigned to each Store's address
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Staff

Columns	Data Type	Description
Staff_id	SERIAL	Unique # assigned to each staff member
Fist_name	CHARACTER VARYING(45)	First name of staff member
Last_name	CHARACTER VARYING(45)	Last name of staff member
Address_id	SMALLINT	Unique # assigned to each store's address
Email	CHARACTER VARYING(50)	Email address of staff members
Store_id	SMALLINT	Unique # assigned to each store
Active	BOOLEAN	Confirmation if the staff member is active
Username	CHARACTER VARYING(16)	Username of staff member
Password last_updated	CHARACTER VARYING(40)	Password of staff member
last_updated	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated
picture	BYTEA	Photo of staff member

Customer

Columns	Data Type	Description
Customer_id	SERIAL	Unique # assigned to each customer
Store_id	SMALLINT	Unique # assigned to each store
First_name	CHARACTER VARYING (45)	First name of customer
Last_name	CHARACTER VARYING (45)	Last name of customer
Email	CHARACTER VARYING (50)	Email of customer
Address_id	SMALLINT	Unique # assigned to each customers' address
Activebool	BOOLEAN	Confirmation if the customer is active
Create_date	DATE	Date of when the customer's account was created
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated
Active	INTERGER	0 or 1 if customer is active or not

Film_category

Columns	Data Type	Description
Film_id	SMALLINT	Unique # assigned to each film
Category_id	SMALLINT	Unique # assigned to each category
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Category

Columns	Data Type	Description
Category_id	SERIAL	Unique # assigned to each category
Name	CHARACTER VARYING (25)	Categories' name
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Address

Columns	Data Type	Description
Address_id	SERIAL	Unique # assigned to each store, staff member, and customer identifying their address
Address	CHARACTER VARYING (50)	Street address
Address2	CHARACTER VARYING (50)	Address for apartment #'s, Suite #'s, Unit #'s, etc.
District	CHARACTER VARYING (20)	State, province, or territory of the address.
City_id	SMALLINT	Unique # assigned to each city.
Postal_code	CHARACTER VARYING (10)	Postal code for each address
Phone	CHARACTER VARYING (20)	Phone number for each address
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

City

Columns	Data Type	Description
City_id	SERIAL	Unique # assigned to each city.
City	CHARACTER VARYING(50)	Name of city
Country_id	SMALLINT	Unique # assigned to each country.
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Country

Columns	Data Type	Description
Country_id	SERIAL	Unique # assigned to each country.
Country	CHARACTER VARYING(50)	Name of country
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Inventory

Columns	Data Type	Description
Inventory_id	SERIAL	Unique # assigned to each inventory item
Film_id	SMALLINT	Unique # assigned to each film
Store_id	SMALLINT	Unique # assigned to each store
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Film_actor

Columns	Data Type	Description
Actor_id	SMALLINT	Unique # assigned to each actor
Film_id	SMALLINT	Unique # assigned to each film
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Actor

Columns	Data Type	Description
Actor_id	SERIAL	Unique # assigned to each actor
First_name	CHARACTER VARYING(45)	First name of the actor
Last_name	CHARACTER VARYING(45)	Last name of the actor
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

Film

Columns	Data Type	Description
Film_id	SMALLINT	Unique # assigned to each film
Title	CHARACTER VARYING(255)	Title of the film
Description	TEXT	Description of the film
Release_year	Year	Year of release for film
Language_id	SMALLINT	Unique # assigned to each language
Rental_duration	SMALLINT	Number of days the film was rented for
Rental_rate	NUMERIC(4,2)	\$ amount the film was rented for
Length	SMALLINT	Number of minutes of the films
Replacement_cost	NUMERICS(5,2)	\$ amount to replace the films
Rating	Mpaa_rating	Films' ratings (ex: PG, PG-13)
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated
Special_features	TEXT[]	The special features that were included in the films
fulltext	TSVECTOR	Keywords linked to each film that a customer may use in searching for the film

Language

Columns	Data Type	Description
Language_id	SMALLINT	Unique # assigned to each language
name	CHARACTER(20)	Name of the language
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when the table was last updated

