ROCKBUSTER STEALTH
DATA DICTIONARY
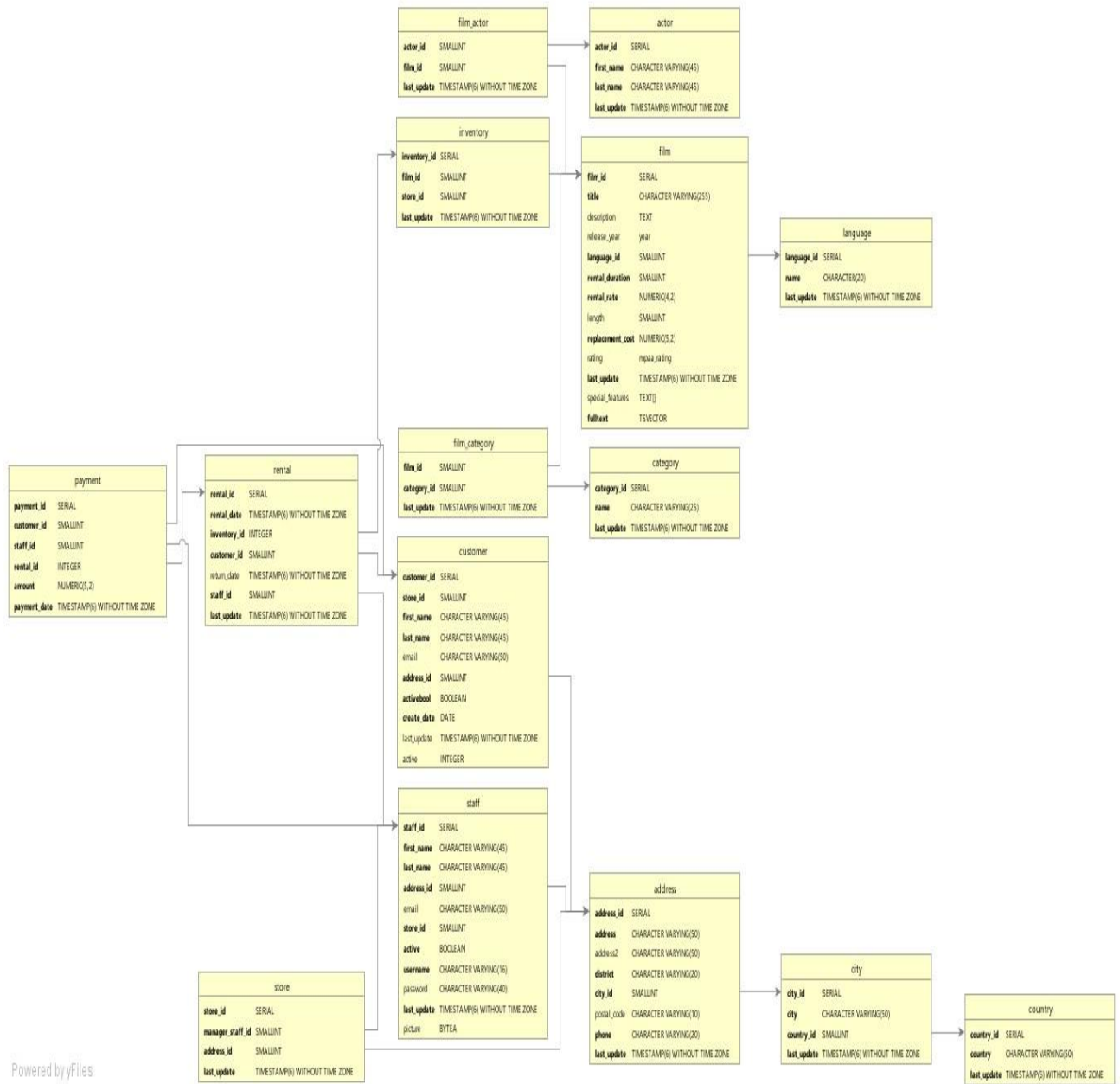
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Table of Contents

Entity Relationship Diagram (ERD)

Fact Tables:

Rental

Column	Datatype	Description	Columns linked to	Columns linked from	Unique Key
rental_id	Serial	Unique identifier for each rental transaction		payment.rental_id	Yes
rental_date	Timestamp(6)without timezone	Time at which movie was rented			No
inventory_id	Integer	Unique ID of the movie	inventory.inventory_id		Yes
customer_id	Smallint	Unique ID of the customer	customer.cutomer_id	payment.customer_id	Yes
return_date	Timestamp(6) without timezone	Time at which the movie was returned			No
staff_id	Smallint	Unique ID of staff who processed the rental	staff.staff_id	payment.staff_id	Yes
last_update	Timestamp(6) without timezone	Time at which the last update was made			No

Payment:

Columns	Datatype	Description	Columns linked	Columns linked from	Unique Key
payment_id	Serial	Unique identifier of a payment			Yes
Customer_id	Smallint	Unique identifier of a customer	customer.customer_id	rental.customer_id	Yes
Staff_id	Smallint	Unique identifier of a staff member	staff.staff_id	rental.staff_id	Yes
Rental_id	Integer	Unique identifier of a rental	rental.rental_id		Yes
Amount	Numaric(5.2)	Price of the renal			No
Payment_id	Timestamp (6) without timezone	Date of the payment			No

Dimension Tables:

Actor

Column	Data type	Description	Columns linked to	Columns linked from	Unique key
Actor_id	Serial	Unique identifier of the actor	film_actor.actor_id		Yes
First_name	Character varying(45)	First name of the actor			No
Last_name	Chracter varying(45)	Last name oft he actor			No
Last_update	Timestamp(6) without timezone	Date and time of the last update of the record			No

Address:

Column	Data type	Description	Columns linked to	Columns linked from	Qnique key
Address_id	Serial	Unique identifier of an address	staff.address_id, store.address_id		Yes
Address	Character varying(50)	Address details			No
Address 2	Character varying(50)	Extra address details			No
Discrict	Character varying (20)	Name of the district			No
City_id	Smallint	Unique identifier of a city	city.city_id		Yes
Postal_code	Character varying (10)	Postal code details			No
Phone	Character varying (20)	Phone number details			No
Last_update	Timestamo (6) without timezone	Date and time of the last udate of the record			No

Customer:

Column	Data type	Description	Columns linked to	Columns linked from	Unique key
Customer_id	Serial	Unique identifier of a customer			Yes
Store_id	Smallint	Unique identifier of a store			Yes
First_name	Character varying (45)	First name of the customer			No
Last_name	Character varying (45)	Last name of the customer			No
Email	Character varying (50)	Email of the customer			No
Address_id	Smallint	Address of the customer			Yes
Active_pool	Boolyan	Active or not active			
Create_date	Date	Date of being created			
Last_update	Timestamp (6) without timezone	Date and time of the last update of the record			No
active	Integer	Active or not active			No

Category:

Column	Data type	Description	Columns linked to	Columns linked from	Unique key
Category_id	Serial	Unique identifier of a category	film_category.category._id		Yes
Name	Character varying (25)	Name of the category			No
Last_update	Character varying (25)	Date and time of the last update of the record			No

City:

Column	Data type	Description	Columns linked to	Columns linked from	Unique key
City_id	Serial	Unique identifier of a city	address.city_id		Yes
City	Character varying (50)	Name of the city			No
Country_id	Smallint	Unique identifier of a country	country.country_id		Yes
Last_update	Timstamp(6) without timezone	Date and time of the last update of the record			No

Country:

Column	Data type	Description	Columns linked to	Columns linked from	Unique key
Country_id	Serial	Unique identifier of a country	city.country_id		Yes
Country	Character varying (50)	Name of the country			No
Last_update	Timestamp (6) without time zone	Date and time of the last update of the record			No

Store:

Column	Datatype	Description	Columns linked to	Columns liked from	Unique key
Store_id	Serial	Unique identifier of a store	inventory.store_id, staff.store_id		Yes
Manager_staff_id	Smallint	Unique identifier of the store manager	staff.store_id		Yes
Address_id	Smallint	Address of the store	address.address_id		No
Last_update	Timestamp (6) without timezone	Date and time of the last update of the record			No

Staff:

Column	Datatype	Description	Columns linked to	Columns linked from	Unique key
Picture	Bytea	Photo of the staff			No
Address_id	Smallint	Address of the staff	address.address_id		No
Store_id	Smallint	Unique identifier of a store	store.store_id		Yes
Active	Boolean	Active or not	rental.staff_id, payment.staff_id		No
Last_update	Timestamp(6) without timezone	Date and time of the last update of the record			No
Staff_id	Serial	Unique identifier of a staff			Yes
First_name	Character varying(45)	First name of the staff			No
Last_name	Character varying (45)	Last name of the staff			No
Password	Character varying (40)	Password of the staff			No
Email	Character varying (50)	Email of the staff			No
Username	Character varying (16)	Username of the staff			No

Film_category:

Column	Data type	Description	Column linked to	Columns linked from	Unique key
Film_id	Smallint	Unique identifier of a film	film.film_id		Yes
Category_id	Smallint	Unique identifier of a caregory	category.category_id		Yes
Last_update	Timestamp (6) without timezone	Date and time of the last update of the record			No

Film _actor:

Column	Data type	Description	Column linked to	Column linked from	Unique key
Actor_id	Smallint	Unique identifier of the actor	Actor.actor_id		Yes
Film_id	Smallint	Unique identifier of the film	Film.film_id		Yes
Last_update	Timestamp (6) without timezone	Date and time of the last update of the record			No

Film:

Column	Data type	description	Columns linked to	Columns linked from	Unique key
Film_id	Serial	Unique identifier of a film	film_category.film_id, film_actor.film_id, inventory.film_id		Yes
Title	Character varying(25)	Title of the movie			No
Description	Text	Description of the movie			No
Release_year	Year	Year that the movie came out			No
Language_id	Smallint	Unique identifier of the language	language.language_id		Yes
Rental_duration	Smallint	How long the movie has rented			No
Rental_rate	Numeric (4.2)	Data of rental occurred			No
length	Smallint	Duration of the movie			No
Replacement_cost	Numeric(5.2)	Cost to replace the rental movie			No
Rating	Max rating	Which age group can watch the movie			No
Last update	Timestamp (6) without timezone	Date and time of the last update of the record			No
Special _features	Text	Special feature of the movie			No
Fulltext	TSVECTOR	Text of the movie			No

Language:

Column	Datatype	Description	Columns linked to	Columns linked from	Unique key
Language_id	Serial	Unique identifier of the language	film.language_id		Yes
Name	Character (20)	Name of the language			No
Last_update	Timestamp (6) without timezone	Date and time of the last update of the record			No

Inventory:

Column	Data type	Description	Columns linked to	Columns linked from	Unique key
Inventory-id	Serial	Unique identifier of an inventory	Rental.inventory_id		Yes
Film_id	Smallint	Unique identifier of a film	Film.film_id		Yes
Store_id	Smallint	Unique identifier of the store	Store.store_id		Yes
Last_update	Timestamp (6) without timezone	Date and time of the last update			No

		of the record			