

# ROCKBUSTER STEALTH

## Data Dictionary

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## Legend

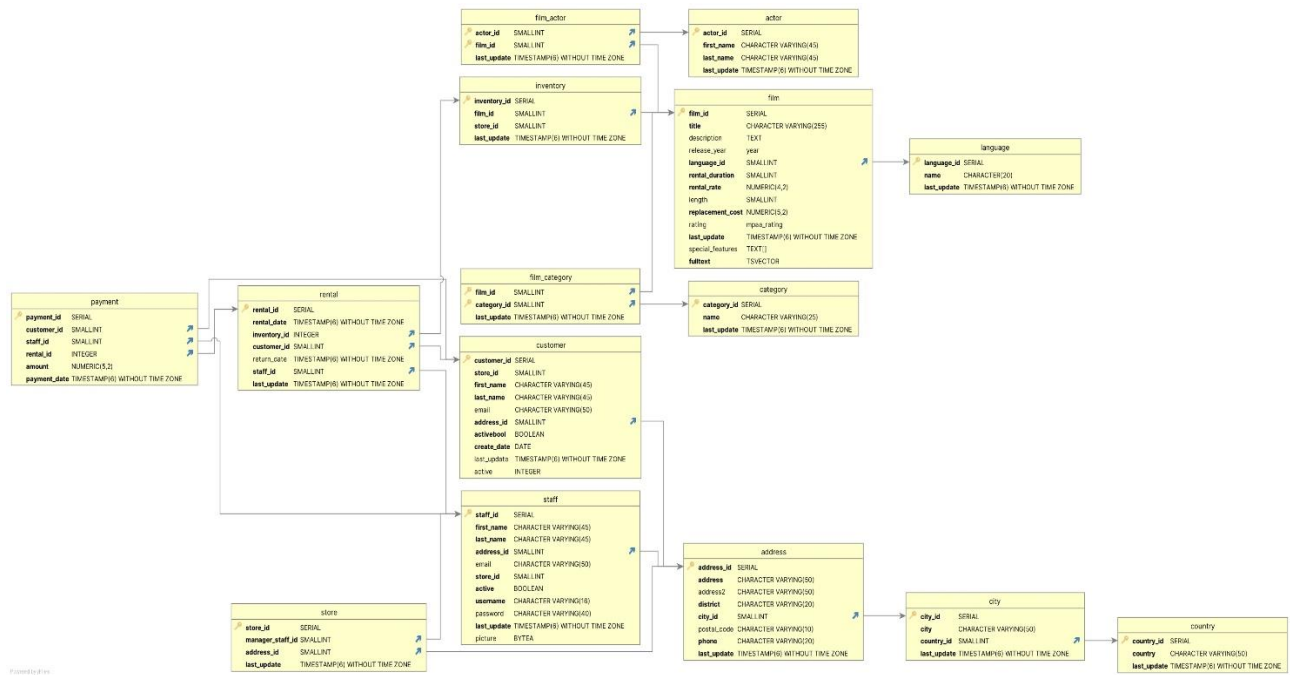
Primary Key











Foreign Key










# The ERD












## Fact Tables:







Table Name	Key	Column	Data Type	Description
Payment		Payment_id	SERIAL	Unique identifier for payment information
		Customer_id	SMALLINT	Unique identifier for customer
		Staff_id	SMALLINT	Unique identifier for staff members
		Rental_id	INTEGER	Unique identifier for rental
		Amount	Numeric(5,2)	Total for sale transaction
		Payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of transaction
Rental		Rental_id	SERIAL	Unique identifier for rental
		Rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of rental
		Inventory_id	INTEGER	Unique identifier for inventory
		Customer_id	SMALLINT	Unique identifier for customer
		Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Unique identifier for rental return date
		Staff_id	SMALLINT	Unique identifier for staff member
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update

## Dimension Tables:

Table Name	Key	Column	Data Type	Description
Store		Store_id	SERIAL	Unique identifier for store
		Manager_staff_id	SMALLINT	Unique identifier for manager
		Address_id	SMALLINT	Unique identifier for store address
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Film_actor		Actor_id	SMALLINT	Unique identifier for actor
		Film_id	SMALLINT	Unique identifier for film
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Inventory		Inventory_id	SERIAL	Unique identifier for inventory
		Film_id	SMALLINT	Unique identifier for film
		Store_id	SMALLINT	Unique identifier for store
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Film_category		Film_id	SMALLINT	Unique identifier for film
		Store_id	SMALLINT	Unique identifier for store
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Customer		Customer_id	SMALLINT	Unique identifier for customer

		Store_id	SMALLINT	Unique identifier for 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 identifier for customer address
		Activebool	BOOLEAN	States if customer has an active account
		Create_date	DATE	Date of account opening
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
		Active	INTEGER	Binary representation of customer's account status. 0= Inactive 1= Active
Staff		Staff_id	SMALLINT	Unique identifier for staff members
		First_name	CHARACTER VARYING(45)	First name of staff member
		Last_name	CHARACTER VARYING(45)	Last name of staff member
		Address_id	SMALLINT	Unique identifier for staff member address
		Email	CHARACTER VARYING(50)	Email of staff member
		Store_id	SMALLINT	Unique identifier for store
		Active	BOOLEAN	States if staff member is an active employee
		Username	CHARACTER VARYING(16)	Username for staff member account
		Password	CHARACTER VARYING(40)	Password for staff member account

		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
		Picture	BYTEA	Picture of staff member
Actor		Actor_id	SMALLINT	Unique identifier for actor
		First_name	CHARACTER VARYING(45)	First name of actor
		Last_name	CHARACTER VARYING(45)	Last name of actor
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Film		Film_id	SMALLINT	Unique identifier for film
		Title	CHARACTER VARYING(255)	Title of film
		Description	TEXT	Description of film
		Release_year	Year	Year that the film released
		Language_id	SMALLINT	Language the film uses
		Rental_duration	SMALLINT	Rental length of time
		Rental_rate	NUMERIC(4,2)	Rate of rental
		Length	SMALLINT	Runtime of film
		Replacement_cost	NUMERIC(5,2)	Cost to replace film
		Rating	Mpaa_rating	MPAA rating of film
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
		Special_features	TEXT[]	Special features available with specific film
		Fulltext	TSVECTOR	An index showing most used words in description.
Category		Category_id	SERIAL	Unique identifier for film category
		Name	CHARACTER VARYING(25)	Name of category

		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Address		Address_id	SERIAL	Unique identifier for address
		Address	CHARACTER VARYING(50)	First line of address
		Address2	CHARACTER VARYING(50)	Second line of address
		District	CHARACTER VARYING(20)	District name
		City_id	SMALLINT	Unique identifier of city
		Postal_code	CHARACTER VARYING(10)	Zip code
		Phone	CHARACTER VARYING(20)	Phone number
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Language		Language_id	SMALLINT	Language the film uses
		Name	CHARACTER(20)	Name of language
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
City		City_id	SMALLINT	Unique identifier of city
		City	CHARACTER VARYING(50)	Name of city
		Country_id	SMALLINT	Unique identifier of country
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
Country		Country_id	SERIAL	Unique identifier of country
		Country	CHARACTER VARYING(50)	Country name
		Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update



