

# Rockbuster Stealth Data Dictionary

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# Entity Relationships Diagram (ERD)

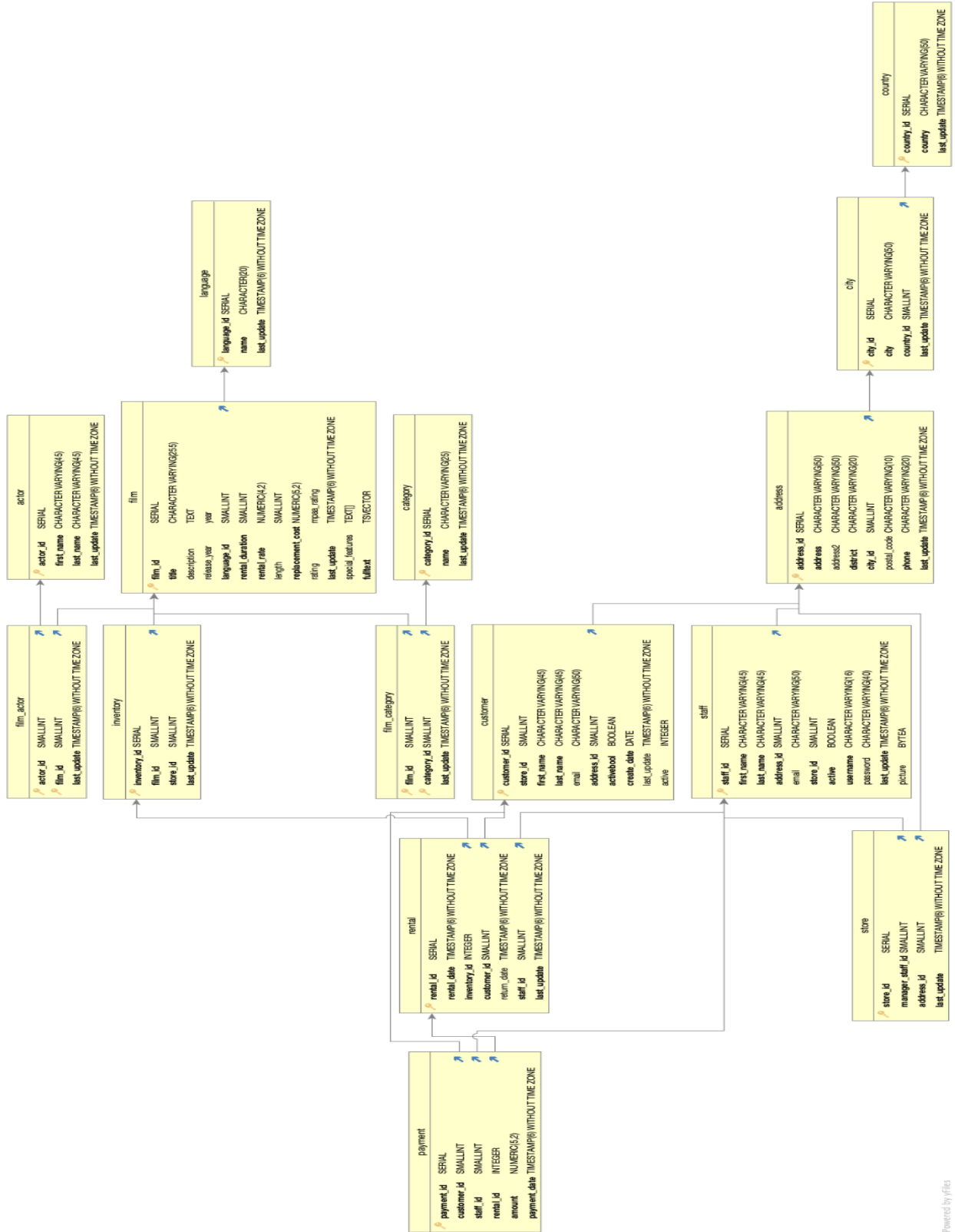


Table	Relationships	Columns	Data Type	Description
<b>Rental (Fact Table)</b>	Primary Key	Rental_id	Serial	Rental transaction ID number
	Foreign Key	Rental_date	Timestamp without Time Zone	Rental date
	Foreign Key	Inventory_date	Integer	ID for item rented
	Foreign Key	Customer_id	Smallint	Customer ID number
	Foreign Key	Return_date	Timestamp Without Timezone	Date of rental return
	Foreign Key	Staff_id	Smallint	Staff ID number
		Last_update	Timestamp Without Timezone	Time when the table was updated
<b>Payment (Fact Table)</b>	Primary Key	Payment_id	Serial	Payment ID number
	Foreign Key	Customer_id	Smallint	Customer ID number
	Foreign Key	Staff_id	Smallint	Staff ID number
	Foreign Key	Rental_id	Integer	Rental ID number
	Foreign Key	Amount	Numeric	Rental amount
	Foreign Key	Payment_date	Timestamp Without Timezone	Date of payment
<b>Store (Dimension)</b>	Primary Key	Store_id	Serial	Store identification

				number
	Foreign Key	Manager_Staff_id	Smallint	Store Manager ID number
	Foreign Key	address_ID	Smallint	Store address ID number
		last_update	Timestamp WO Timezone	Time when the table was last updated
<b>Film_actor (Dimension)</b>	Primary Key	Actor_id	Smallint	Film actor ID number
	Primary Key	film_ID	Smallint	Film ID number
		last_update	Timestamp WO Timezone	Time when the table was last updated

<b>Inventory (Dimension)</b>	Primary Key	Inventory_id	Serial	Inventory item ID number
	Foreign Key	film_id	Smallint	Film ID number
	Foreign Key	Store_id	Smallint	Store ID number
		last_update	Timestamp WO Timezone	Time when the table was last updated
<b>Film_category (Dimension)</b>	Primary Key	Film_id	Smallint	Film ID number
	Primary Key	Category_id	Smallint	Film category ID number
		last_update	Timestamp WO Timezone	Time when the table was last updated
<b>Customer (Dimension)</b>	Primary Key	Customer_Id	Serial	Customer ID number
	Foreign Key	Store_id	Smallint	Store ID

				number
	Foreign Key	First_name	Character Varying	Customer first name
	Foreign Key	Last_name	Character Varying	Customer last name
	Foreign Key	email	Character Varying	Customer email
	Foreign Key	address_id	Smallint	Customer Address ID
	Foreign Key	Activebool	Boolean	True/False on whether the customer is active
	Foreign Key	Create_date	Date	Date of Customer information entry
	Foreign Key	last_update	Timestamp WO Timezone	Time when the table was last updated
	Foreign Key	Active	Integer	1/0 on whether the customer is active or not
<b>Staff (Dimension)</b>	Primary Key	Staff_id	Serial	Staff Id number
	Foreign Key	First_name	Character Varying	Staff first name
	Foreign Key	Last_name	Character Varying	Staff last name
	Foreign Key	address_id	Smallint	Staff address Id number
	Foreign Key	email	Character Varying	Staff email
	Foreign Key	Store_id	Smallint	Store ID

				number
	Foreign Key	active	Boolean	T/F Active staff
	Foreign Key	Username	Character Varying	Staff username
	Foreign Key	password	Character Varying	Staff password
		last_update	Timestamp WO Timezone	Time when the table was last updated
	Foreign Key	Picture	BYTEA	Staff picture

<b>Actor (Dimension)</b>	Primary Key	actor_id	Serial	Actor ID number
	Foreign Key	first_name	Character Varying	Actor first name
	Foreign Key	last_name	Character Varying	Actor last name
		last_update	Timestamp WO Timezone	Time when the table was last updated
<b>Film (Dimension)</b>	Primary Key	film_id	Serial	Film id number
	Foreign Key	title	Character Varying	Title of film
	Foreign Key	description	Text	Film summary
	Foreign Key	release_year	year	Film year of release
	Foreign Key	language_id	Smallint	Film language ID number
	Foreign Key	rental_duration	Smallint	Days of rental duration
	Foreign Key	rental_rate	Numeric	Cost of rental

				per day
	Foreign Key	Length	Smallint	Film's number of minutes
	Foreign Key	Replacement_cost	numeric	Cost of film replacement if lost/damaged
	Foreign Key	rating	Mpaa_rating	Film rating
	Foreign Key	last_update	Timestamp WO Timezone	Time when the table was last updated
	Foreign Key	Special_features	Text	Trailers, behind the scenes, deleted scenes include in the film
	Foreign Key	Fulltext	Tsvector	Film index
<b>Category (Dimension)</b>	Primary Key	Category_id	Serial	Film category ID number
	Foreign Key	name	Character Varying	Name of the category of film
	Foreign Key	last_update	Timestamp WO Timezone	Time when the table was last updated

<b>Address (Dimension)</b>	Primary Key	address_id	serial	Address id number
	Foreign Key	address	Character Varying	address
	Foreign Key	Address2	Character Varying	Second Address
	Foreign Key	District	Character Varying	District of address
	Foreign Key	City_id	Smallint	City of address ID number



	Foreign Key	Postal_code	Character Varying	Postal code of address
	Foreign Key	phone	Character Varying	Phone number
		last_update	Timestamp WO Timezone	Time when the table was last updated
<b>Language (Dimension)</b>	Primary Key	Language_id	Serial	Language Id number
	Foreign Key	name	Character	Name of language
		last_update	Timestamp WO Timezone	Time when the table was last updated
<b>City (Dimension)</b>	Primary Key	City_id	Serial	City ID number
	Foreign Key	City	Character Varying	Name of city
	Foreign Key	country_id	Smallint	Country ID number
		last_update	Timestamp WO Timezone	Time when the table was last updated
<b>Country (Dimension)</b>	Primary Key	Country_id	Serial	Country ID number
	Foreign Key	Country	Character Varying	Country name
		last_update	Timestamp WO Timezone	Time when the table was last updated