

Rockbuster Stealth, LLC

Data Dictionary

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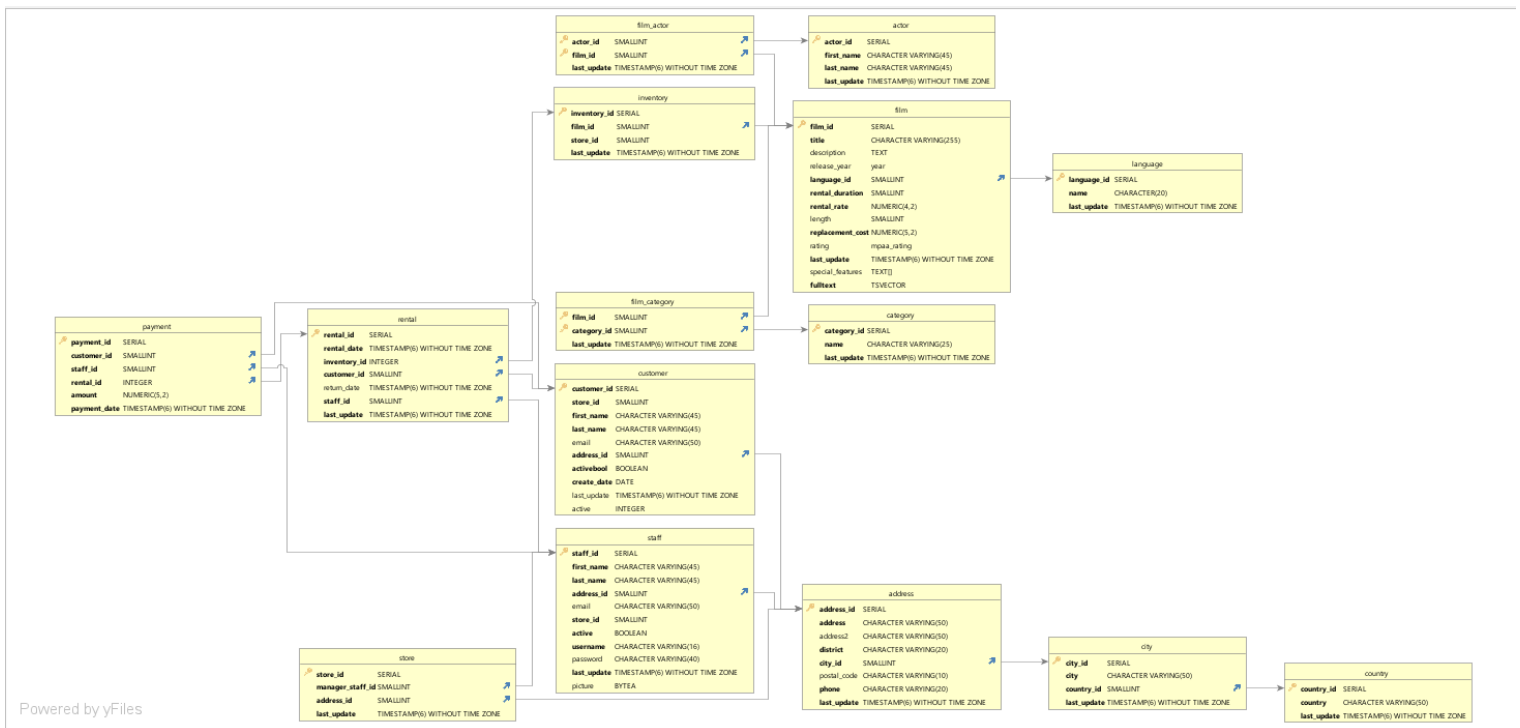
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 Links to 10

Entity Relationship Diagram (ERD)




Legend

 Primary Key

 Unique Key

Fact Table

Payment


Key	Column	Data Type	Description
	payment_id	serial	unique identifier for payment
	customer_id	smallint	unique identifier for customer
	staff_id	smallint	unique identifier for staff
	rental_id	integer	unique identifier for rental
	amount	numeric	amount the customer paid
	payment_date	timestamp w/o time zone	date and time the payment was made

Links to

Table	Joins
customer	payment.customer_id = customer.customer_id
staff	payment.staff_id = staff.staff_id
rental	payment.rental_id = rental.rental_id

Dimension Tables


Actor

Key	Column	Data Type	Description
	actor_id	serial	unique identifier for the actor
	first_name	character varying	actor's first name
	last_name	character varying	actor's last name
	last_update	timestamp w/o time zone	date and time when last update was made

Linked from

Table	Joins
film_actor	actor.actor_id = film_actor.actor_id

Address

Key	Column	Data Type	Description
	address_id	serial	unique identifier for address
	address	character varying	first line of address
	address2	character varying	optional second line of address
	district	character varying	region of an address
	city_id	smallint	city of an address
	postal_code	character varying	postal code of an address
	phone	character varying	phone number for the address
	last_update	timestamp w/o time zone	date and time when last update was made


Links to

Table	Joins
city	address.city_id = city.city_id

Linked from

Table	Joins
customer	address.address_id = customer.address_id
staff	address.address_id = staff.address_id
store	address.address_id = store.address_id


Category

Key	Column	Data Type	Description
	category_id	serial	unique identifier for category
	name	character varying	category name
	last_update	timestamp w/o time zone	date and time when last update was made

Linked from

Table	Joins
film_category	category.category_id = film_category.category_id

City

Key	Column	Data Type	Description
	city_id	serial	unique identifier for city
	city	character varying	city name
	country_id	smallint	unique identifier for country
	last_update	timestamp w/o time zone	date and time when last update was made


Links to

Table	Joins
country	city.country_id = country_country_id

Linked from

Table	Joins
address	city.address_id = address_address_id


Country

Key	Column	Data Type	Description
	country_id	serial	unique identifier for country
	country	character varying	country name
	last_update	timestamp w/o time zone	date and time when last update was made

Links from

Table	Joins
city	country.country_id = city.country_id

Customer

Key	Column	Data Type	Description
	customer_id	serial	unique identifier for customer
	store_id	smallint	unique identifier for store
	first_name	character varying	customer's first name
	last_name	character varying	customer's last name
	email	character varying	customer's email
	address_id	smallint	unique identifier for address
	activebool	boolean	states whether or not customer is active
	create_date	date	date customer was created in system
	last_update	timestamp w/o time zone	date and time when last update was made
	active	integer	number


Links to

Table	Joins
address	customer.address_id = address.address_id

Linked from

Table	Joins
payment	customer.customer_id = payment.customer_id
rental	customer.customer_id = rental.customer_id

Film

Key	Column	Data Type	Description
	film_id	serial	unique identifier for film
	title	character varying	film title
	description	text	film description
	release_year	year	film release year
	language_id	smallint	film language
	rental_duration	smallint	rental duration of film
	rental_rate	numeric	rental rate of film
	length	smallint	length of film
	replacement_cost	numeric	replacement cost of film
	rating	mpaa_rating	film rating
	last_update	timestamp w/o time zone	date and time when last update was made
	special_features	text	film special features
	fulltext	tsvector	film fulltext



Links to

Table	Joins
language	film.langauge_id = language.language_id

Linked from

Table	Joins
film_actor	fim.film_id = actor.film_id
inventory	film.film_id = inventory.film_id
film_category	film.film_id = film_category.film_id



Film_actor

Key	Column	Data Type	Description
	actor_id	smallint	unique identifier for actor
	film_id	smallint	unique identifier for film
	last_update	timestamp w/o time zone	date and time when last update was made

Links to

Table	Joins
actor	film_actor.actor_id = actor.actor_id
film	film_actor.film_id = film.film_id


Film_category

Key	Column	Data Type	Description
	film_id	smallint	unique identifier for film
	category_id	smallint	unique identifier for category
	last_update	timestamp w/o time zone	date and time when last update was made

Links to

Table	Joins
film	film_category.film_id = film.film_id
category	film_category.category_id = category.category_id

Inventory

Key	Column	Data Type	Description
	inventory_id	serial	unique identifier for inventory
	film_id	smallint	unique identifier for film
	store_id	smallint	unique identifier for store
	last_update	timestamp w/o time zone	date and time when last update was made


Links to

Table	Joins
film	inventory.film_id = film.film_id

Linked from

Table	Joins
rental	inventory.inventory_id = rental.inventory_id


Language

Key	Column	Data Type	Description
	language_id	serial	unique identifier for language
	name	character	name of language
	last_update	timestamp w/o time zone	date and time when last update was made

Linked from

Table	Joins
film	language.language_id = film.language_id

Rental

Key	Column	Data Type	Description
	rental_id	serial	unique identifier for rental
	rental_date	timestamp w/o time zone	date and time when rental was made
	inventory_id	integer	unique identifier for inventory
	customer_id	smallint	unique identifier for customer
	return_date	timestamp w/o time zone	date and time when rental was returned
	staff_id	smallint	unique identifier for staff
	last_update	timestamp w/o time zone	date and time when last update was made


Links to

Table	Joins
inventory	rental.inventory_id = inventory.inventory_id
customer	rental.customer_id = customer.customer_id
staff	rental.staff_id = staff.staff_id

Linked from

Table	Joins
Payment	rental.rental_id = payment.rental_id

Staff

Key	Column	Data Type	Description
	staff_id	serial	unique identifier for staff
	first_name	character varying	staff member's first name
	last_name	character varying	staff member's last name
	address_id	smallint	unique identifier for address
	email	character varying	staff member's email
	store_id	smallint	unique identifier for store
	active	boolean	states whether or not staff is active
	username	character varying	staff member's username
	password	character varying	staff member's password
	last_update	timestamp w/o time zone	date and time when last update was made
	picture	bytea	picture of staff member


Links to

Table	Joins
address	staff.address_id = address.address_id

Linked from

Table	Joins
payment	staff.staff_id = payment.staff_id
rental	staff.staff_id = rental.staff_id
store	staff.store_id = store.store_id

Store

Key	Column	Data Type	Description
	store_id	serial	unique identifier for store
	manager_staff_id	smallint	unique identifier for manager staff
	address_id	smallint	unique identifier for address
	last_update	timestamp w/o time zone	date and time when last update was made

Links to

Table	Joins
staff	store.store_id = staff.store_id
address	store.address_id = address.address_id