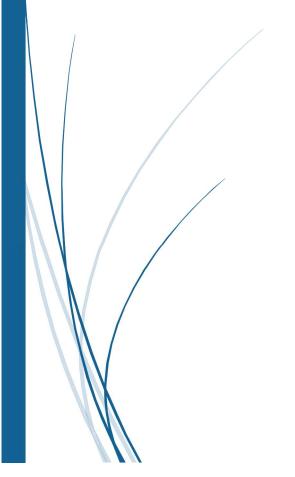
7/26/2021

Data Dictionary

Rockbuster Film Data



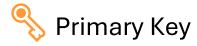
Eric D. Riesberg

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Legend



Foreign Key

Payment Table

Columns

Key	Column	DataType	Description
	payment_id	serial	Transaction ID. Unique for every line item
Q	customer_id	int2	Customer Identification, unique for each customer
Q	staff_id	int2	Staff Identification, unique for each staff
Q	rental_id	int4	Rental Identification, unique for each rental
	amount	numeric	Transaction AMOUNT.
	payment_date	timestamp	Transaction DATE.

Table	Join	Description
rental	payment.rental_id = rental.rental_id	Foreign key constraint referencing rental.rental_id
customer	payment.customer_id = customer.customer_id	Foreign key constraint referencing customer.customer_id
staff payment.staff_id = staff.staff_id		Foreign key constraint referencing staff.staff_id

Rental Table

Columns

Key	Column	DataType	Description
	rental_id	serial	Rental ID, unique for each rental
	rental_date	timestamp	Date of rental
	inventory_id	int4	inventory ID, unique for each item in store
O _M	customer_id	int2	Customer ID, unique for each customer
	return_date	timestamp	Date of Return
Q	staff_id	int2	Staff ID, unique for each staff member
	last_update	timestamp	Timestamp of when data was last updated.

Links To

Table	Join	Description
inventory	rental.inventory_id =	Foreign key constraint referencing
inventory	inventory.inventory_id	inventory.inventory_id
quatamar	rental.customer_id =	Foreign key constraint referencing
customer	customer.customer_id	customer.customer_id
staff rental.staff_id = staff.staff_id		Foreign key constraint referencing staff.staff_id

Table	Join Description	
payment	payment.rental_id = rental.rental_id	Foreign key constraint referencing rental.rental_id

Store Table

Columns

Key	Column	DataType	Description
	store_id	serial	Store ID. Unique for each store
Q	manager_staff_id	int2	Manager ID. Unique for each manager.
Q	address_id	int2	Address ID. Unique for each address
	last_update	timestamp	Timestamp of when data was last updated.

Table	Join	Description
staff	store.manager_staff_id = staff.staff_id	Foreign key constraint referencing staff.staff_id
address	store.address_id =	Foreign key constraint referencing
auuless	address.address_id	address.address_id

Film Actor Table

Columns

Key	Column	DataType	Description
	actor_id	int2	Actor ID. Unique for every actor
	film_id	int2	Film ID. Unique for every film
	last_update	timestamp	Timestamp of when data was last updated.

Table	Join	Description
actor	film_actor.actor_id = actor.actor_id	Foreign key constraint referencing actor.actor_id
film	film_actor.film_id = film.film_id	Foreign key constraint referencing film.film_id

Inventory Table

Columns

Key	Column	DataType	Description
	inventory_id	serial	Inventory ID, unique for each item in store
Q	film_id	int2	Film ID, unique for each film
	store_id	int2	Store ID, unique for each store
	last_update	timestamp	Timestamp of when data was last updated.

Links To

Table	Join	Description
film	inventory.film_id = film.film_id	Foreign key constraint referencing film.film_id

Table	Join	Description
rental	rental.inventory_id =	Foreign key constraint referencing
	inventory.inventory_id	inventory.inventory_id

Film Category Table

Columns

Key	Column	DataType	Description
	film_id	int2	Film ID. Unique for each film
	category_id	int2	Category ID. Unique for each category
	last_update	timestamp	Timestamp of when data was last updated.

Table	Join	Description
film	film_category.film_id = film.film_id	Foreign key constraint referencing film.film_id
category	film_category.category_id = category.category_id	Foreign key constraint referencing category.category_id

Customer Table

Columns

Key	Column	DataType	Description
	customer_id	serial	Customer ID, unique for each customer
	store_id	int2	Store ID, unique for each store
	first_name	varchar	First name of customer
	last_name	varchar	Last name of customer
	email	varchar	email of customer
Q	address_id	int2	Address ID, unique for each customer
	activebool	bool	TRUE/FALSE if customer is active
	create_date	date	date customer ID was created
	last_update	timestamp	Timestamp of when data was last updated.
	active	int4	Binary indicating active customers

Links To

Table	Join	Description
0 4 4 4 0 0 0	customer.address_id =	Foreign key constraint referencing
address	address.address_id	address.address_id

Table	Join	Description
novmont	payment.customer_id =	Foreign key constraint referencing
payment	customer.customer_id	customer.customer_id
rental	rental.customer_id =	Foreign key constraint referencing
rentat	customer.customer_id	customer.customer_id

Staff Table

Columns

Key	Column	DataType	Description
	staff_id	serial	Staff ID, unique for each staff member
	first_name	varchar	First name of staff member
	last_name	varchar	Last name of staff member
Q	address_id	int2	Address ID, unique for each staff member
	email	varchar	email of staff member
	store_id	int2	Store ID, unique for each store
	active	bool	TRUE/FALSE if staff member is active
	username	varchar	username of staff member
	password	varchar	password of staff member
	last_update	timestamp	Timestamp of when data was last updated.
	picture	bytea	picture of staff member

Links To

Table	Join	Description
address	staff.address_id =	Foreign key constraint referencing
	address.address_id	address.address_id

Table	Join	Description
payment	payment.staff_id = staff.staff_id	Foreign key constraint referencing staff.staff_id
rental	rental.staff_id = staff.staff_id	Foreign key constraint referencing staff.staff_id
store	store.manager_staff_id = staff.staff_id	Foreign key constraint referencing staff.staff_id

Actor Table

Columns

Key	Column	DataType	Description
	actor_id	serial	Actor ID, unique for each actor
	first_name	varchar	First name of actor
	last_name	varchar	Last name of actor
	last_update	timestamp	Timestamp of when data was last updated.

Table	Join	Description
film_actor	film_actor.actor_id = actor.actor_id	Foreign key constraint referencing actor.actor_id

Film Table

Columns

Key	Column	DataType	Description
	film_id	serial	film ID, unique for each film
	title	varchar	title of film
	description	text	description of film
	release_year	year	release year of film
O.	language_id	int2	language ID, unique for each language
	rental_duration	int2	length of rental in days
	rental_rate	numeric	cost of rental
	length	int2	length of film
	replacement_cost	numeric	cost to replace un-returned film
	rating	mpaa_rating	film rating
	last_update	timestamp	Timestamp of when data was last updated.
	special_features	_text	list of special features on rental film
	fulltext	tsvector	keyword information about film

Links To

Table	Join	Description
languaga	film.language_id =	Foreign key constraint referencing
language	language.language_id	language.language_id

Table	Join	Description
film_actor	film_actor.film_id = film.film_id	Foreign key constraint referencing film.film_id
inventory	inventory.film_id = film.film_id	Foreign key constraint referencing film.film_id
film_category	film_category.film_id = film.film_id	Foreign key constraint referencing film.film_id

Category Table

Columns

Key	Column	DataType	Description
	category_id	serial	Category ID, unique for each category
	name	varchar	name of category
	last_update	timestamp	Timestamp of when data was last updated.

Table	Join	Description
film octoron	film_category.category_id =	Foreign key constraint referencing
film_category	category.category_id	category.category_id

Address Table

Columns

Key	Column	DataType	Description
	address_id	serial	Address ID, unique for each address
	address	varchar	line 1 for address
	address2	varchar	line 2 for address
	district	varchar	district of address
Q	city_id	int2	city ID, unique for each city
	postal_code	varchar	postal code of address
	phone	varchar	phone number for address
	last_update	timestamp	Timestamp of when data was last updated.

Links To

Table	Join	Description
city	address.city_id = city.city_id	Foreign key constraint referencing city.city_id

Table	Join	Description
store	store.address_id = address.address_id	Foreign key constraint referencing address.address id
customer	customer.address_id = address.address_id	Foreign key constraint referencing address.address_id
staff	staff.address_id = address.address_id	Foreign key constraint referencing address.address_id

Language Table

Columns

Key	Column	DataType	Description
	language_id	serial	Language ID, unique for each language
	name	varchar	name of language
	last_update	timestamp	Timestamp of when data was last updated.

Table	Join	Description
film	film.language_id =	Foreign key constraint referencing
Hun	language.language_id	language.language_id

City Table

Columns

Key	Column	DataType	Description
	city_id	serial	city ID, unique for each city
	city	varchar	name of city
Q	country_id	int2	country ID, unique for each country
	last_update	timestamp	Timestamp of when data was last updated.

Links To

Table	Join	Description
o o u ntro	city.country_id =	Foreign key constraint referencing
country	country.country_id	country.country_id

Table	Join	Description
address	address.city_id = city.city_id	Foreign key constraint referencing city.city_id

Country Table

Columns

Key	Column	DataType	Description
Q	country_id	serial	country ID, unique for each country
	country	varchar	name of country
	last_update	timestamp	Timestamp of when data was last updated.

Table	Join	Description
city	city.country_id = country.country_id	Foreign key constraint referencing country.country_id