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Rockbuster Stealth

Data Dictionary

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Rockbuster Stealth Database Entity Relationship Diagram



Fact Tables

Payment

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	payment_id	serial	Unique generated identification number for each payment record		
Foreign	customer_id	smallint	Unique generated identification number for each customer	links to	customer
Foreign	staff_id	smallint	Unique generated identification number for each staff member	links to	staff
Foreign	rental_id	integer	Unique generated identification number for each rental event	links to	rental
	amount	numeric	Dollar amount of the payment		
	payment_date	timestamp	Date and time of the payment event		

Rental

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	rental_id	serial	Unique generated identification number for each rental record	links from	payment
	rental_date	timestamp	Date and time of the rental event		
Foreign	inventory_id	integer	Unique generated identification number for each inventory item	links to	inventory
Foreign	customer_id	smallint	Unique generated identification number for each customer	links to	customer
	return_date	timestamp	Date and time when the rental was returned		
Foreign	staff_id	smallint	Unique generated identification number for each staff member	links to	staff
	last_update	timestamp	Date and time of the last modification of this table		

Dimension Tables

Actor

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	actor_id	serial	Unique generated identification number for each actor record	links from	film_actor
	first_name	character	First name of the actor		
	last_name	character	Last name of the actor		
	last_update	timestamp	Date and time of the last modification of this table		

Address

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	address_id	serial	Unique generated identification number for each address record	links from	customer
				links from	store
				links from	staff
	address	character	First line of the address		
	address2	character	Second line of the address		
	district	character	Address district		
Foreign	city_id	smallint	Unique generated identification number for each city record	links to	city
	postal_code	character	Address postal code		
	phone	character	Phone number associated with the address		
	last_update	timestamp	Date and time of the last modification of this table		

Category

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	category_id	serial	Unique generated identification number for each category record	links from	film_category
	name	character	Category name		
	last_update	timestamp	Date and time of the last modification of this table		

City

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	city_id	serial	Unique generated identification number for each city record	links from	address
	city	character	City name		
Foreign	country_id	smallint	Unique generated identification number for each country record	links to	country
	last_update	timestamp	Date and time of the last modification of this table		

Country

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	country_id	serial	Unique generated identification number for each country record	links from	city
	country	character	Country name		
	last_update	timestamp	Date and time of the last modification of this table		

Customer

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	customer_id	serial	Unique generated identification number for each customer record	links from	rental
				links from	payment
	store_id	smallint	Unique generated identification number for each store record		
	first_name	character	First name of the customer		
	last_name	character	Last name of the customer		
	email	character	Email of the customer		
Foreign	address_id	smallint	Unique generated identification number for each address record	links to	address
	activebool	boolean	Active status as true or false		
	create_date	date	Date the record was created		
	last_update	timestamp	Date and time of the last modification of this table		
	active	integer	Active status as 0 or 1		

Film

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	film_id	serial	Unique generated identification number for each film record	links from	film_actor
				links from	film_category
				links from	inventory
	title	character	Title of the film		
	description	text	Description of the film		
	release_year	year	Release year of the film		
Foreign	language_id	smallint	Unique generated identification number for each film record	links to	language
	rental_duration	smallint	Rental time frame of the film		
	rental_rate	numeric	Rental rate of the film in dollars		
	length	smallint	Duration of the film		
	replacement_cost	numeric	Replacement cost of the film		
	rating	MPAA rating	MPAA rating of the film		
	last_update	timestamp	Date and time of the last modification of this table		
	special_features	text	Additional content included with the film		
	fulltext	tsvector	Key words for the content of the film		

Film Actor

Key	Column	Data Type	Description	Links To/From	Linked Table
Foreign	actor_id	smallint	Unique generated identification number for each actor record	links to	actor
Foreign	film_id	smallint	Unique generated identification number for each film record	links to	film
	last_update	timestamp	Date and time of the last modification of this table		

Film Category

Key	Column	Data Type	Description	Links To/From	Linked Table
Foreign	film_id	smallint	Unique generated identification number for each film record	links to	film
Foreign	category_id	smallint	Unique generated identification number for each film category record	links to	category
	last_update	timestamp	Date and time of the last modification of this table		

Inventory

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	inventory_id	serial	Unique generated identification number for each inventory record	links from	rental
Foreign	film_id	smallint	Unique generated identification number for each film record	links to	film
Foreign	store_id	smallint	Unique generated identification number for each store record	links to	store
	last_update	timestamp	Date and time of the last modification of this table		

Language

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	language_id	serial		links from	film
	name	character			
	last_update	timestamp	Date and time of the last modification of this table		

Staff

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	staff_id	serial	Unique generated identification number for each staff member record	links from	rental
				links from	payment
				links from	store
	first_name	character			
	last_name	character			
Foreign	address_id	smallint		links to	address
	email	character			
Foreign	store_id	smallint		links to	store
	active	bool			
	username	character			
	password	character			
	last_update	timestamp	Date and time of the last modification of this table		
	picture	bytea			

Store

Key	Column	Data Type	Description	Links To/From	Linked Table
Primary	store_id	serial	Unique generated identification number for each store record	links from	inventory
				links from	staff
Foreign	manager_staff_id	smallint	Unique generated identification number for each manager record	links to	staff
Foreign	address_id	smallint	Unique generated identification number for each address record	links to	address
	last_update	timestamp	Date and time of the last modification of this table		