

Rockbuster Stealth LLC

Data Dictionary

By: Tony Nguyen

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Entity Relationship Diagram



TABLES

Facts

Payment

Column	Data Type	Description
payment_id	SERIAL	Unique identifier for each payment
customer_id	SMALLINT	Foreign key to the customer table
staff_id	SMALLINT	Foreign key to the staff table
rental_id	INTEGER	Foreign key to the rental table
amount	NUMERIC(5,2)	The amount paid
payment_date	TIMESTAMP WITHOUT TIMEZONE	Date and time of the payment
last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Facts

Rental

Column	Data Type	Description
Rental_id	SERIAL	Unique identifier for each rental
Rental_date	TIMESTAMP WITHOUT TIMEZONE	Date and time the rental started
Inventory_id	INTEGER	Foreign key to the inventory table
Customer_id	SMALLINT	Foreign key to the customer table
Return_date	TIMESTAMP WITHOUT TIMEZONE	Date and the time the rental ended
Staff_id	SMALLINT	Foreign key to the staff table
Last_update	TIMESTAMP WITHOUT TIMEZONE	The last time the record was updated

Dimensions

Actor

Column	Data Type	Description
Actor_id	SERIAL	Unique identifier for each actor
First_name	CHARACTER VARYING(45)	First name of the actor
Last_name	CHARACTER VARYING(45)	Last name of the actor
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Address

Column	Data Type	Description
Address_Id	Serial	Unique identifier for each address
Address	CHARACTER VARYING(50)	Address line 1
Address 2	CHARACTER VARYING(50)	Address line 2
District	CHARACTER VARYING(20)	District or region
City_id	SMALLINT	Foreign key to the city table
Postal_code	CHARACTER VARYING(10)	Postal code
Phone	CHARACTER VARYING(20)	Phone number
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Category

Column	Data Type	Description
Category_id	SERIAL	Unique identifier for each category
Name	CHARACTER VARYING(20)	Name of the category
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

City

Column	Data Type	Description
City_id	SERIAL	Unique identifier for each city
City	CHARACTER VARYING(50)	Name of the city
Country_id	SMALLINT	Foreign key to the country table
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Country

Column	Data Type	Description
country_id	SERIAL	Unique identifier for each country
Country	CHARACTER VARYING(50)	Name of the country
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Customer

Column	Data Type	Description
Customer_id	SERIAL	Unique identifier for each customer
Store_id	SMALLINT	Foreign key to the store table
First_name	CHARACTER VARYING(45)	First name of the customer
Last_name	CHARACTER VARYING(45)	Last name of the customer
Email	CHARACTER VARYING(50)	Email address of the customer
Address_id	SMALLINT	Foreign key to the address table
Activebool	BOOLEAN	Indicates if the customer is active
Create_date	DATE	The date the customer was created
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated
Active	INTEGER	Indicator if the customer is active

Dimensions

Film

Column	Data Type	Description
Film_id	SERIAL	Unique identifier for each film
Title	CHARACTER VARYING(255)	Title of the film
Description	TEXT	Description of the film
Release_year	YEAR	Year the film was released
Language_id	SMALLINT	Foreign key to the language table
Rental_duration	INTEGER	Duration of the rental
Rental_rate	NUMERIC(4,2)	Rental rate for the film
Length	INTEGER	Length of the film in minutes
Replacement_cost	NUMERIC(5,2)	Replacement cost of the film
Rating	CHARACTER VARYING(5)	Rating of the film
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated
Special_features	TEXT	Special features of the film
Fulltext	TSVECTOR	Fulltext search data

Dimensions

Film_actor

Column	Data Type	Description
Actor_id	SMALLINT	Foreign key to the actor table
Film_id	SMALLINT	Foreign key to the film table
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Film_category

Column	Data Type	Description
Film_id	SMALLINT	Foreign key to the film table
Category_id	SMALLINT	Foreign key to the category table
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Inventory

Column	Data Type	Description
Inventory_id	SERIAL	Unique identifier for each inventory item
Film_id	SMALLINT	Foreign key to the film table
Store_id	SMALLINT	Foreign key to the store table
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Language

Column	Data Type	Description
Language_id	SERIAL	Unique identifier for each language
Name	CHARACTER(20)	Name of the language
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated

Dimensions

Staff

Column	Data Type	Description
Staff_id	SERIAL	Unique identifier for each staff member
First_name	CHARACTER VARYING(45)	First name of the staff member
Last_name	CHARACTER VARYING(45)	Last name of the staff member
Address_id	SMALLINT	Foreign key to the address table
Email	CHARACTER VARYING(50)	Email address of the staff member
Store_id	SMALLINT	Foreign key to the store table
Active	BOOLEAN	Indicates if the staff member is active
Username	CHARACTER VARYING(16)	Username for the staff member
Password	CHARACTER VARYING(40)	Password for the staff member
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated
Picture	BYTEA	Picture of the staff member

Dimensions

Store

Column	Data Type	Description
Store_id	SERIAL	Unique identifier for each store
Manager_staff_id	SMALLINT	Foreign key to the staff table (manager)
Address_id	SMALLINT	Foreign key to the address table
Last_update	TIMESTAMP WITHOUT TIMEZONE	Last time the record was updated