ROCKBUSTER FILMS

FILMS

Data Dictionary

TABLES

Tables in Database with links to other tables facilitate join execution.

JAIME SUAREZ

Contents

Legend:

Primary Key: 🔑

Foreign Key: 🗝

Customer Table

	Columns	Data Type	Description
🔑	Customer_id	Integer	Unique customer ID
🔑	Store_id	Smallint	Unique store ID
	First_name	Character varying(45)	Name of customer
	Last_name	Character varying(45)	Last name of customer
	Email	Character varying(50)	Email of customer
🔑	Address_id	Smallint	Address of customer
	Activebool	Boolean	True or False
	Create_date	Date	Date of creation
	Last_update	Timestamp without time zone	Date of last update
	Active	integer	1 or 0

Links to:

Store on store_id.

Address on address_id.

Payment on customer_id.

Rental on rental_id.

Address Table

	Columns	Data Type	Description
🔑	Address_id	Integer	Unique Customer Address ID
	Address	Character varying(50)	Customer principal Address
	Address 2	Character varying(50)	Customer secondary Address
	District	Character varying(20)	District
🔑	City_id	Smallint	Unique city ID
	Postal_code	Character varying(10)	Postal code
	Phone	Character varying(20)	Phone number
	Last_update	Timestamp without time zone	Date of last update

Links to:

Customer on address_id.

City on city_id

City Table

	Columns	Data Type	Description
🔑	City ID	Integer	Unique city ID
	City	Character varying(50)	City
🔑	Country ID	Smallint	Unique country ID
	Last_update	Timestamp without time zone	Date of last update

Links to:

Address on city_id.

Country on country_id.

Country Table

	Columns	Data Type	Description
🔑	Country ID	Integer	Unique Country ID
	Country	Character varying (50)	Country
	Last_update	Timestamp without time zone	Date of last update

Links to:

City on country_id.

Film Table

	Columns	Data Type	Description
🔑	Film_id	Integer	Unique film ID
	Title	Character varying(255)	Movie title
	Description	Text	Movie description
	Release_year	Integer	Year of release
🔑	Language_id	Smallint	Unique language ID
	Rental_duration	Smallint	Length of rental
	Rental_rate	Numeric	Revenue per rent
	Length	Smallint	Length of the movie
	Replacement_cost	Numeric	Cost of replacement
	Rating	USER-DEFINED	Movie rating
	Last_update	Timestamp without time zone	Date of last update
	Special_features	ARRAY	Movie features
	fulltext	tsvector	Tags

Links to:

Inventory on film_id.

Language on language_id.

Inventory Table

	Columns	Data Type	Description
🔑	Inventory_id	Integer	Unique inventory ID
🔑	Film_id	Smallint	Unique film ID
🔑	Store_id	Smallint	Unique store ID
	Last_update	Timestamp without time zone	Date of last update

Links to:

Rental on inventory_id

Film on film_id.

Store on store_id.

Film_actor Table

	Columns	Data Type	Description
🔑	Actor_id	Integer	Unique actor ID
🔑	Film_id	Smallint	Unique film ID
	Last_update	Timestamp without time zone	Date of last update

Links to:

Film on film_id.

Actor on actor_id.

Actor Table

	Columns	Data Type	Description
🔑	**Actor_id**	**Integer**	**Unique actor ID**
	First_name	**Character varying(45)**	**Actor's first name**
	Last_name	**Character varying(45)**	**Actor's last name**
	Last_update	**Timestamp without time zone**	**Date of last update**

Links to:

Film_actor on actor_id.

Film_category table

	Columns	Data Type	Description
🔑	**Film_id**	**Smallint**	**Unique film ID**
🔑	**Category_id**	**Smallint**	**Unique category ID**
	Last_update	**Timestamp without time zone**	**Date of last update**

Links to:

Film on film_id.

Category on category_id.

Category Table

	Columns	Data Type	Description
🔑	Category_id	Smallint	Unique category ID
	Name	Character varying(25)	Movie category
	Last_update	Timestamp without time zone	Date of last update

Links to:

Film_category on category_id.

Language Table

	Columns	Data Type	Description
🔑	Language_id	Integer	Unique language id
	Name	Character	Language
	Last_update	Timestamp without time zone	Date of last update

Links to:

Film on language_id.

Payment Table

	Columns	Data Type	Description
🔑	Payment_id	Integer	Unique payment ID
🔑	Customer_id	Smallint	Unique customer ID
🔑	Staff_id	Smallint	Unique staff ID
🔑	Rental_id	Integer	Unique rental ID
	Amount	Numeric	Amount paid
	Last_update	Timestamp without time zone	Date of last update

Links to:

Customer on customer_id.

Staff on staff_id.

Rental on rental_id.

Rental Table

	Columns	Data Type	Description
🔑	Rental_id	Integer	Unique rental ID
	Rental_date	Timestamp without time zone	Rental date
🔑	Inventory_id	Integer	Unique inventory ID
🔑	Customer_id	Smallint	Unique customer ID
	Return_date	Timestamp without time zone	Return date
	Last_update	Timestamp without time zone	Date of last update

Links to:

Inventory on inventory_id

Customer on rental_id.

Payment on rental_id.

Staff Table

	Columns	Data Type	Description
🔑	Staff_id	Integer	Unique Staff ID
	First_name	Character Varying (45)	First name of staff member
	Last_name	Character Varying (45)	Last name of staff member
🔑	Address_id	Smallint	Unique address ID
	email	Character Varying (50)	Email of staff member
🔑	Store_id	Smallint	Unique Store ID
	Active	Boolean	True or False
	Username	Character Varying (16)	Username of staff member
	password	Character Varying (40)	Password of username
	Last_update	Timestamp without time zone	Date of last update

Links to

Payment on staff_id.

Rental on rental_id.

Address on address_id.

Store Table

	Columns	Data Type	Description
🔑	Store_id	Integer	Unique store ID
🔑	Manager_staff_id	Smallint	Unique Manager ID
🔑	Address_id	Smallint	Unique Addres ID
	Last_update	Timestamp without time zone	Date of last update

Links to:

Customer on store_id.

Address on address_id.

Inventory on store_id.