Victor La Torre

Data Dictionary

'RENTAL'

RENTAL_ID	INTEGER	UNIQUE KEY IDENTIFIER
RENTAL_DATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN RENTAL WAS ISSUED
INVENTORY_ID	INTEGER	FOREIGN KEY IDENTIFIER
CUSTOMER_ID	SMALLINT	FOREIGN KEY IDENTIFIER
RETURN_DATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN RETURNED
STAFF_ID	SMALLINT	FOREIGN KEY IDENTIFIER
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSION OF "RENTAL"
"INVENTORY"

INVENTORY_ID	INTEGER	PRIMARY KEY IDENTIFIER
FILM_ID	SMALLINT	FOREIGN KEY IDENTIFIER
STORE_ID	SMALLINT	KEY IDENTIFIER
LAST_UPDATE	FOREIGN KEY IDENTIFIER	DATE WHEN UPDATED LAST

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Data Dictionary

DIMENSION OF "INVENTORY"
"FILM"

FILM_ID	INTEGER	PRIMARY KEY IDENTIFIER
TITLE	CHARVAR(255)	TITLE OF MOVIE
DESCRIPTION	TEXT	DESCRIPTION OF MOVIE
RELEASE_YEAR	INTEGER	YEAR FILM WAS RELEASED
LANGUAGE_ID	SMALLINT	FOREIGN KEY IDENTIFIER
RENTAL_DURATION	SMALLINT	DURATION OF MOVIE RENTED
RENTAL_RATE	NUMERIC	PRICE OF RENTAL
LENGTH	SMALLINT	TIME LENGTH OF MOVIE
REPLACEMENT_COST	NUMERIC	PRICE TO REPLACE RENTAL
RATING	USER-DEFINED	MOVIE RATING
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST
SPECIAL_FEATURES	ARRAY	ANY EXTRA FEATURES
FULLTEXT	TSVECTOR	MOVIE CHAPTERS

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DIMENSION OF "FILM"
"LANGUAGE"

LANGUAGE_ID	INTEGER	PRIMARY KEY IDENTIFIER
NAME	CHAR(23)	TYPE OF LANGUGE
LAST_UPDATED	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSION OF "FILM"
"FILM_CATEGORY"

FILM_ID	SMALLINT	KEY IDENTIFIER
CATEGORY_ID	SMALLINT	KEY IDENTIFIER
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSION OF "FILM"
"FILM_ACTOR"

ACTOR_ID	SMALLINT	KEY IDENTIFIER
FILM_ID	SMALLINT	KEY IDENTIFIER
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSION OF "FILM ACTOR"
"ACTOR"

ACTOR_ID	INTEGER	KEY IDENTIFIER
FIRST_NAME	CHARVAR(255)	NAME OF ACTOR
LAST_NAME	CHARVAR(255)	NAME OF ACTOR
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

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DIMENSION OF "FILM CATEGORY"
"CATEGORY"

CATEGORY_ID	INTEGER	PRIMARY KEY IDENTIFIER
NAME	CHARVAR(255)	NAME OF CATEGORY
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSIONS OF "STAFF"
"STORE"

STORE_ID	INTEGER	KEY IDENTIFIER
MANAGER_STAFF_ID	SMALLINT	KEY IDENTIFIER
ADDRESS_ID	SMALINT	KEY IDENTIFIER
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSION OF "RENTAL"
"CUSTOMER"

CUSTOMER_ID	INTEGER	PRIMARY KEY IDENTIFIER
STORE_ID	SMALLINT	KEY IDENTIFIER
FIRST_NAME	CHARVAR(255)	FIRST NAME OF CUSTOMER
LAST_NAME	CHARVAR(255)	LAST NAME OF CUSTOMER
EMAIL	CHARVAR(255)	EMAIL OF CUSTOMER
ADDRESS_ID	SMALLINT	ADDRESS OF CUSTOMER
ACTIVEBOOL	BOOLEAN	IF CUSTOMER IS ACTIVE
CREATE_DATE	DATE	DATE CUSTOMER WAS CREATED
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST
ACTIVE	INTEGER	IF CUSTOMER IS ACTIVE

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DIMENSIONS OF "RENTAL"
"PAYMENT"

PAYMENT_ID	INTEGER	PRIMARY KEY IDENTIFIER
CUSTOMER_ID	SMALLINT	KEY IDENTIFIER
STAFF_ID	SMALINT	KEY IDENTIFIER
RENTAL_ID	INTEGER	KEY IDENTIFIER
AMOUNT	NUMERIC	PAYMENT AMOUNT
PAYMENT_DATE	TIMESTAMP WITHOUT TIME ZONE	DATE PAYED

DIMENSIONS OF "RENTAL"
"STAFF"

STAFF_ID	INTEGER	PRIMARY KEY IDENTIFIER
FIRST_NAME	CHARVAR(45)	FIRST NAME OF STAFF
LAST_NAME	CHARVAR(45)	LAST NAME OF STAFF
ADDRESS_ID	SMALLINT	ADDRESS OF STAFF
EMAIL	CHARVAR(50)	EMAIL OF STAFF
STORE_ID	SMALLINT	KEY IDENTIFIER
ACTIVE	BOOLEAN	IF STORE IS OPEN
USERNAME	CHARVAR(16)	USERNAME OF STAFF
PASSWORD	CHARVAR(40)	PASSWORD OF STAFF
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST
PICTURE	BYTEA	PICTURE OF STAFF

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Data Dictionary

DIMENSION OF "STORE", "CUSTOMER", "STAFF" "ADDRESS"

ADDRESS_ID	INTEGER	PRIMARY KEY IDENTIFIER
ADDRESS	CHARVAR(50)	PHYSICAL ADDRESS
ADDRESS 2	CHARVAR(50)	PHYSICAL ADDRESS EXTENDER
DISTRICT	CHARVAR(20)	DISTRICT OF ADDRESS
CITY_ID	SMALLINT	KEY IDENTIFIER
POSTAL_CODE	CHARVAR(10)	ZIPCODE
PHONE	CHARVAR(20)	PHONE NUMBER
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSION OF "ADDRESS" "CITY"

CITY_ID	INTEGER	KEY IDENTIFIER
CITY	CHARVAR(50)	CITY OF ADDRESS
COUNTRY_ID	SMALLINT	KEY IDENTIFIER
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

DIMENSIONS OF "CITY" "COUNTRY

COUNTRY_ID	INTEGER	KEY IDENTIFIER
COUNTRY	CHARVAR(50)	COUNTRY NAME
LAST_UPDATE	TIMESTAMP WITHOUT TIME ZONE	DATE WHEN UPDATED LAST

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Data Dictionary

customer

	Column	Type
PK	customer_id	integer
	store_id	smallint
	first_name	character varying(45)
	last_name	character varying(45)
	email	character varying(50)
FK	address_id	smallint
	activebool	boolean
	create_date	date
	last_update	timestamp without time zone
	active	integer

language

	Column	Type
PK	language_id	integer
	name	character(20)
	last_update	timestamp without time zone

payment

	Column	Type
PK	payment_id	integer
FK	customer_id	smallint
FK	staff_id	smallint
FK	rental_id	integer
	amount	numeric
	payment_date	timestamp without time zone

rental

	Column	Type
PK	rental_id	integer
	rental_date	timestamp without time zone
FK	inventory_id	integer
FK	customer_id	smallint
	return_date	timestamp without time zone
FK	staff_id	smallint
	last_update	timestamp without time zone

film

	Column	Type
PK	film_id	integer
	title	character varying(255)
	description	text
	release_year	integer
FK	language_id	smallint
	rental_duration	smallint
	rental_rate	numeric
	length	smallint
	replacement_cost	numeric
	rating	USER-DEFINED
	last_update	timestamp without time zone
	special_features	ARRAY
	fulltext	tsvector

country

	Column	Type
PK	country_id	integer
	country	character varying(50)
	last_update	timestamp without time zone

film_actor

	Column	Type
PK,FK	actor_id	smallint
PK,FK	film_id	smallint
	last_update	timestamp without time zone

actor

	Column	Type
PK	actor_id	integer
	first_name	character varying(45)
	last_name	character varying(45)
	last_update	timestamp without time zone

inventory

	Column	Type
PK	inventory_id	integer
FK	film_id	smallint
	store_id	smallint
	last_update	timestamp without time zone

city

	Column	Type
PK	city_id	integer
	city	character varying(50)
FK	country_id	smallint
	last_update	timestamp without time zone

address

	Column	Type
PK	address_id	integer
	address	character varying(50)
	address2	character varying(50)
	district	character varying(20)
FK	city_id	smallint
	postal_code	character varying(10)
	phone	character varying(20)
	last_update	timestamp without time zone

staff

	Column	Type
PK	staff_id	integer
	first_name	character varying(45)
	last_name	character varying(45)
FK	address_id	smallint
	email	character varying(50)
	store_id	smallint
	active	boolean
	username	character varying(16)
	password	character varying(40)
	last_update	timestamp without time zone
	picture	bytea

film_category

	Column	Type
PK,FK	film_id	smallint
PK,FK	category_id	smallint
	last_update	timestamp without time zone

category

	Column	Type
PK	category_id	integer
	name	character varying(25)
	last_update	timestamp without time zone

store

	Column	Type
PK	store_id	integer
FK	manager_staff_id	smallint
FK	address_id	smallint
	last_update	timestamp without time zone