ROCKBUSTER STEALTH: DATA DICTIONARY

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Rockbuster Database ERD:

Fact Tables

PAYMENT		
Columns	Data Type	Description
payment_id	SERIAL	Primary Key
customer_id	SMALLINT	Foreign Key linking to customer table
staff_id	SMALLINT	Foreign Key linking to staff table
rental_id	INTEGER	Foreign Key linking to rental table
amount	NUMERIC	Recorded amount for every payment transaction
payment_date	TIMESTAMP WITHOUT TIME ZONE	Date, when transaction is made

RENTAL		
Columns	Data Type	Description
rental_id	SERIAL	Primary Key
rental_date	TIMESTAMP WITHOUT TIME ZONE	Date when a rent is recorded
inventory_id	INTEGER	Foreign Key linking to inventory table
customer_id	SMALLINT	Foreign Key linking to customer table
return_date	TIMESTAMP WITHOUT TIME ZONE	Date when a return is recorded
staff_id	SMALLINT	Foreign Key linking to staff table

last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made

Dimension Tables

STORE

Columns	Data Type	Description
store_id	SERIAL	Composite Primary Key
manager_staff_id	SMALLINT	Foreign Key linking to staff table
address_id	SMALLINT	Foreign Key linking to address table
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made

FILM_ACTOR

Columns	Data Type	Description
actor_id	SMALLINT	Acts both as a composite primary key to indicate every actor and as a Foreign Key linking to actor table
film_id	SMALLINT	Foreign Key linking to film table
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made

INVENTORY

Columns	Data Type	Description
inventory_id	SERIAL	Composite Primary Key
film_id	SMALLINT	Foreign Key linking to film table
store_id	SMALLINT	Foreign Key linking to store table. It means the id of a store, where the film copy is provided
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made

FILM_CATEGORY

Columns	Data Type	Description
film_id	SMALLINT	Composite primary key and Foreign Key linking to film table
category_id	SMALLINT	Composite primary key and Foreign Key linking to category table
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made

CUSTOMER

Columns	Data Type	Description
customer_id	SERIAL	Primary Key to indicate every customer
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
address_id	SMALLINT	Foreign Key linking to address table
activebool	BOOLEAN	Activity of a customer. Active or not.
first_name	CHARACTER VARYING	First name of a customer
last_name	CHARACTER VARYING	Last name of a customer
email	CHARACTER VARYING	E-mail of a customer
active	INTEGER	Activity of a customer. Active or not.
store_id	SMALLINT	Foreign Key linking to store table. It means the id of a store, where customer is recorded
create_date	DATE	Date, when a customer information has been collected

STAFF

Columns	Data Type	Description
staff_id	SERIAL	Primary Key to indicate each staff member
picture	BYTEA	Picture of a staff member
address_id	SMALLINT	
store_id	SMALLINT	Foreign Key linking to store table. It means the id of a store, to where a staff member refers
active	INTEGER	Activity of a staff member. Active or not.
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
first_name	CHARACTER VARYING	First name of a staff member
last_name	CHARACTER VARYING	Last name of a staff member
password	CHARACTER VARYING	Password of a staff member
email	CHARACTER VARYING	Email of a staff member
username	CHARACTER VARYING	Username of a staff member

ACTOR

Columns	Data Type	Description
actor_id	SERIAL	Primary key for indicating every actor
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
first_name	CHARACTER VARYING	First name of an actor
last_name	CHARACTER VARYING	Last name of an actor

FILM

Columns	Data Type	Description
film_id	SERIAL	Primary key for indicating every film
fulltext	TSVECTOR	Extra Information of a film
rating	mpaa_rating	Rating of a film
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
release_year	year	Year a film was released
language_id	SMALLINT	Id for a film language
rental_duration	SMALLINT	Duration of the rent
rental_rate	NUMERIC	Date when a rate is recorded
length	SMALLINT	Film length
replacement_cost	NUMERIC	Cost for a film replacement
title	CHARACTER VARYING	Film title
description	TEXT	Film description
special_features	TEXT	Extra Information of a film

CATEGORY

Columns	Data Type	Description
category_id	SERIAL	Primary key for indicating every film category
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
name	CHARACTER VARYING	Name of a category

LANGUAGE

Columns	Data Type	Description
language_id	SERIAL	Primary key for indicating film languages
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
name	CHARACTER	Which language name is used

ADDRESS

Columns	Data Type	Description
address_id	SERIAL	Primary key for indicating each address id
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
city_id	SMALLINT	City name
district	CHARACTER VARYING	District name
phone	CHARACTER VARYING	Phone number
postal_code	CHARACTER VARYING	Postal code
address	CHARACTER VARYING	Adress in a city

address2	CHARACTER VARYING	Alternative adress in a city

CITY

Columns	Data Type	Description
city_id	SERIAL	Primary key for indicating each city id
country_id	SMALLINT	Foreign key to country table
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made
city	CHARACTER VARYING	City name

COUNTRY

Columns	Data Type	Description
country_id	SERIAL	Primary key for indicating each country id
country	CHARACTER VARYING	Country name
last_update	TIMESTAMP WITHOUT TIME ZONE	Date, when last update is made