Rockbuster Stealth

DATA DICTIONARY

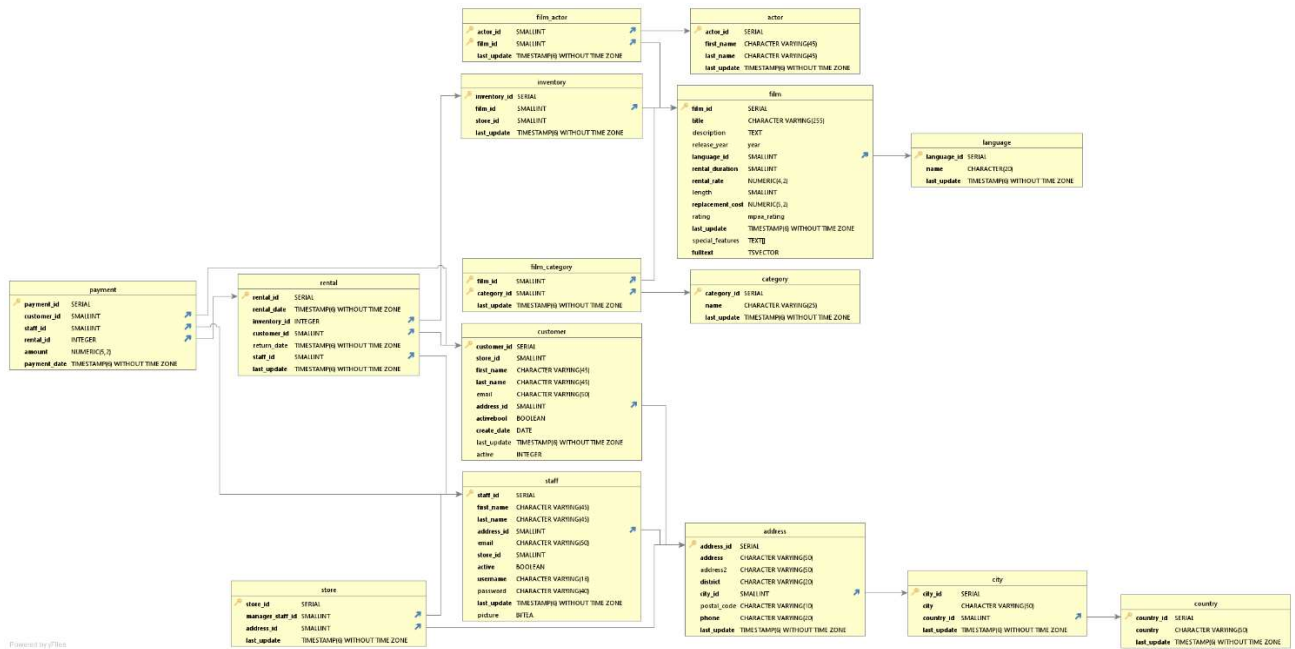# Table of Contents

Entity Relationship Diagram

Payment

Column Name	Data Type	Descriptions
payment_id	SERIAL	unique identifier for each payment
customer_id	SMALLINT	unique identifier for each customer
staff_id	SMALLINT	unique identifier for each staff
rental_id	INTEGER	unique identifier for each rental
amount	NUMERIC(5.2)	amount paid
payment_date	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
payment_id

Foreign Keys	Join	Referenced Table
customer_id	(customer_id) -> (customer_id)	customer
rental_id	(rental_id) -> (rental_id)	rental
staff_id	(staff_id) -> (staff_id)	staff

Film_actor

Column Name	Data Type	Descriptions
actor_id	SMALLINT	unique identifier for each actor
film_id	SMALLINT	unique identifier for each film
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
actor_id
film_id

Foreign Keys	Join	Referenced Table
actor_id	(actor_id) -> (actor_id)	actor
film_id	(film_id) -> (film_id)	film

Film_category

Colums	Data Type	Descriptions
film_id	SMALLINT	unique identifier for each film
category_id	SMALLINT	unique identifier for each category
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
film_id

Foreign Keys	Join	Referenced Table
language_id	(language_id) -> (language_id)	language

Rental

Column Name	Data Type	Descriptions
rental_id	SERIAL	unique identifier for each rental
rental_date	TIME STAMP(6) WITHOUT TIME ZONE	date of rental
inventory_id	INTEGER	unique identifier for each inventory
customer_id	SMALLINT	unique identifier for each customer

Column Name	Data Type	Descriptions
return_date	TIME STAMP(6) WITHOUT TIME ZONE	return date of rental
staff_id	SMALLINT	unique identifier for each staff
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
rental_id

Foreign Keys	Join	Referenced Table
customer_id	(customer_id) -> (customer_id)	customer
inventory_id	(inventory_id) -> (inventory_id)	inventory
staff_id	(staff_id) -> (staff_id)	staff

inventory

Column Name	Data Type	Descriptions
inventory_id	SERIAL	unique identifier for each inventory
film_id	SMALLINT	unique identifier for each film
store_id	SMALLINT	unique identifier for each store
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
inventory_id

Foreign Keys	Join	Referenced Table
film_id	(film_id) -> (film_id)	film

customer

Column Name	Data Type	Descriptions
customer_id	SERIAL	unique identifier for each customer
store_id	SMALLINT	unique identifier for each customer
first_name	CHARACTER VARYING(45)	first name of customer
last_name	CHARACTER VARYING(45)	last name of customer
email	CHARACTER VARYING(50)	email address of customer
address_id	SMALLINT	unique identifier for each payment
activebool	BOOLEAN	is customer active? True if yes

create_date	DATE	unique dateentifier for each customer
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update
active	INTEGER	number associated if customer is active

Primary Key
customer_id

Foreign Keys	Join	Referenced Table
address_id	(address_id) -> (address_id)	address

staff

Column Name	Data Type	Descriptions
staff_id	SERIAL	unique identifier for each staff
first_name	CHARACTER VARYING(45)	first name of staff
last_name	CHARACTER VARYING(45)	last name of staff
address_id	SMALLINT	unique identifier for each address
email	CHARACTER VARYING(50)	email address of staff
store_id	SMALLINT	unique identifier for each store
active	BOOLEAN	is staff is active? True if active
username	CHARACTER VARYING(16)	username of staff
password	CHARACTER VARYING(40)	password of staff
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update
picture	BYTEA	picture of staff

Primary Key
staff_id

Foreign Keys	Join	Referenced Table
address_id	(address_id) -> (address_id)	address

actor

Column Name	Data Type	Descriptions
actor_id	SERIAL	unique identifier for each actor
first_name	CHARACTER VARYING(45)	first name of actor
last_name	CHARACTER VARYING(45)	last name of actor

Column Name	Data Type	Descriptions
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
actor_id

film

Column Name	Data Type	Descriptions
film_id	SERIAL	unique identifier for each film
title	CHARACTER VARYING(255)	title of film
description	TEXT	Description of film
release_year	YEAR	Year film was release
language_id	SMALLINT	language of the film
rental_duration	SMALLINT	rental duration for the film
rental_rate	NUMERIC(4,2)	rental rate of film
length	SMALLINT	length of film
replacement_cost	NUMERIC(5,2)	replacement cost of film
rating	mpaa_rating	rating of the film
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update
speacial_features	TEXT[]	special featueres of the film (trailer, deleted scenes)
fulltext	TSVECTOR	keywords associated with the film

Primary Key
film_id

Foreign Keys	Join	Referenced Table
language_id	(language_id) -> (language_id)	language

category

Column Name	Data Type	Descriptions
category_id	SERIAL	unique identifier for each category
name	CHARACTER VARYING(25)	name of category (action, horror...)
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
category_id

address

Column Name	Data Type	Descriptions
address_id	SERIAL	unique identifier for address
address	CHARACTER VARYING(50)	address in character
address2	CHARACTER VARYING(50)	second address
district	CHARACTER VARYING(20)	name of district
city_id	SMALLINT	unique identifier for each category
postal_code	CHARACTER VARYING(10)	postal code
phone	CHARACTER VARYING(20)	phone number
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
address_id

Foreign Keys	Join	Referenced Table
city_id	(city_id) -> (city_id)	city

city

Column Name	Data Type	Descriptions
city_id	SERIAL	unique identifier for each city
city	CHARACTER VARYING(50)	name of city
country_id	SMALLINT	unique identifier for each country
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
city_id

Foreign Keys	Join	Referenced Table
country_id	(country_id) -> (country_id)	country

language

Column Name	Data Type	Descriptions
language_id	SERIAL	unique identifier for each language

Column Name	Data Type	Descriptions
name	CHARACTER VARYING(20)	name of language
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
language_id

country

Column Name	Data Type	Descriptions
country_id	SERIAL	unique identifier for each country
country	CHARACTER VARYING(50)	name of country
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
language_id

store

Column Name	Data Type	Descriptions
store_id	SERIAL	unique identifier for each store
manager_staff_id	SMALLINT	unique identifier for each store manager
address_id	SMALLINT	unique identifier for each adress
last_update	TIME STAMP(6) WITHOUT TIME ZONE	time & date for last data update

Primary Key
store_id

Foreign Keys	Join	Referenced Table
address_id	(address_id) -> (address_id)	address
manager_staff_id	(manager_staff_id) -> (staff_id)	staff