

ROCKBUSTER

DATA DICTIONARY

Table of contents

ERD	3
Payment.....	4
Rental.....	4
Inventory.....	4
Film Category.....	5
Customer.....	5
Staff.....	5
Language.....	6
Address.....	6
City.....	6
Country.....	7

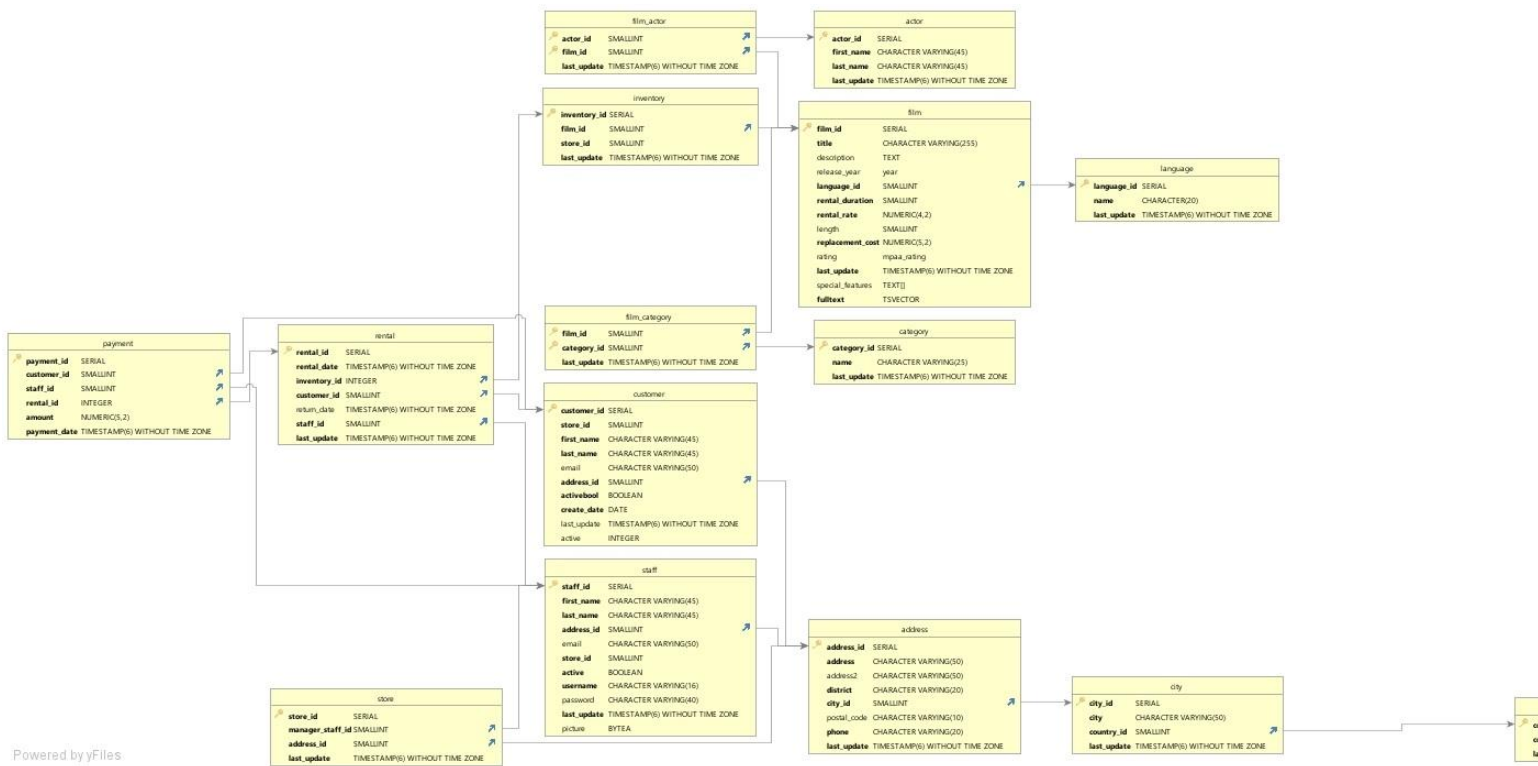


Fig. 1 ERD

Fact Tables

Payment

Columns	Data Type	Description
payment_id	SERIAL	Id assigned for record-keeping
customer_id	SMALLINT	Customer id to whom the movie was issued
staff_id	SMALLINT	The unique id assigned to each store
rental_id	INTEGER	The unique id assigned to each movie rental
amount	NUMERIC(5,2)	The amount paid by the customer
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Time of payment

Rental

Columns	Data Type	Description
rental_id	SERIAL	Unique id assigned to each movie rental
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of when it was rented out
inventory_id	Integer	Id assigned for record keeping
customer_id	SMALLINT	Customer id to whom the movie was issued
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time of return
staff_id	SMALLINT	Id assigned to each staff
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status

Dimension tables

Inventory

Columns	Data Type	Description
inventory_id	SERIAL	Id assigned for record keeping
film_id	SMALLINT	Unique id assigned to each movie
store_id	SMALLINT	Unique id assigned to each store
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status

Film Category

Columns	Data Type	Description
film_id	SMALLINT	Unique id assigned to each movie
category_id	SMALLINT	Unique id assigned to each category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status

Customer

Columns	Data Type	Description
customer_id	SERIAL	Customer id to whom the movie was issued
store_id	SMALLINT	The unique id assigned to each store
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	Postal address of customer
activebool	BOOLEAN	Status whether customer is active or not
create_date	DATE	Creation date

Staff

Columns	Data Type	Description
staff_id	SERIAL	Id assigned to each staff
first_name	CHARACTER VARYING(45)	First name of staff
last_name	CHARACTER VARYING(45)	Last name of staff
address_id	SMALLINT	Postal address of staff
email	CHARACTER VARYING(50)	Email address of staff
store_id	SMALLINT	Unique id assigned to each store
active	BOOLEAN	Status whether customer is active or not
username	CHARACTER VARYING(16)	Username of staff
password	CHARACTER VARYING(40)	Password of staff
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status
picture	BYTEA	Picture of staff

Language

Columns	Data Type	Description
language_id	SERIAL	ID assigned to language(s) movie is available in
name	CHARACTER(20)	Name of language
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status

Address

Columns	Data Type	Description
address_id	SERIAL	Postal address of store
address	CHARACTER VARYING(50)	Postal address of store
address2	CHARACTER VARYING(50)	Postal address of store
district	CHARACTER VARYING(20)	Time of last updated status
city_id	SMALLINT	City
postal_code	CHARACTER VARYING(10)	Postal Code
Phone	CHARACTER VARYING(20)	Phone number
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status

City

Columns	Data Type	Description
city_id	SERIAL	Id assigned to City
name	CHARACTER VARYING(50)	Name of City
country_id	SMALLINT	Country code
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status

Country

Columns	Data Type	Description
country_id	SERIAL	Country code
country	CHARACTER VARYING(50)	Name of Country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status