



# **Rockbuster**

## Data Dictionary

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## 1. Rockbuster

The Rockbuster database contains standard transaction processing data for a fictitious movie rental company. Data includes scenarios regarding payments, rentals, movies, customers, and stores.

You can download the Rockbuster data set here:

[Rockbuster data set](#)

## 2. Data Schema



## 3. Tables

### a. Fact Tables

#### payment

Columns	Data Type	Description
payment_id	SERIAL	Unique payment identification
customer_id	SMALLINT	Unique customer identification
staff_id	SMALLINT	Unique staff identification
rental_id	INTEGER	Unique rental identification
amount	NUMERIC(5,2)	Amount paid
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of payment

rental

Columns	Data Type	Description
rental_id	SERIAL	Unique rental identification
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date rented
inventory_id	INTEGER	Unique inventory identification
customer_id	SMALLINT	Unique customer identification
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date returned
staff_id	SMALLINT	Unique staff identification
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

...

## b. Dimension Tables

store

Columns	Data Type	Description
store_id	SERIAL	Unique store identification
manager_staff_id	SMALLINT	Unique manager identification
address_id	SMALLINT	Unique address identification
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

film\_actor

Columns	Data Type	Description
actor_id	SMALLINT	Unique actor identification
film_id	SMALLINT	Unique film identification
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

### inventory

Columns	Data Type	Description
inventory_id	SERIAL	Unique inventory identification
film_id	SMALLINT	Unique film identification
store_id	SMALLINT	Unique store identification
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

### film\_category

Columns	Data Type	Description
film_id	SMALLINT	Unique film identification
category_id	SMALLINT	Unique category identification
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

### customer

Columns	Data Type	Description
customer_id	SERIAL	Unique customer identification
store_id	SMALLINT	Unique store identification
first_name	CHARACTER VARYING(45)	First name
last_name	CHARACTER VARYING(45)	Last name
email	CHARACTER VARYING(45)	email
address_id	SMALLINT	Unique address identification
activebool	BOOLEAN	Active or inactive customer
create_date	DATE	Date customer entry was created
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated
active	INTEGER	Active or inactive customer

### staff

Columns	Data Type	Description
staff_id	SERIAL	Unique staff identification
first_name	CHARACTER VARYING(45)	First name
last_name	CHARACTER VARYING(45)	Last name
address_id	SMALLINT	Unique address identification
email	CHARACTER VARYING(45)	email
store_id	SMALLINT	Unique store identification
active	BOOLEAN	Active or inactive staff
username	CHARACTER VARYING(45)	Staff username
password	CHARACTER VARYING(45)	Staff password
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated
picture	BYTEA	Picture of staff

### actor

Columns	Data Type	Description
actor_id	SERIAL	Unique actor identification
first_name	CHARACTER VARYING(45)	First name
last_name	CHARACTER VARYING(45)	Last name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

## film

Columns	Data Type	Description
film_id	SERIAL	Unique film identification
title	CHARACTER VARYING(255)	Film title
description	TEXT	Film description
release_year	year	Year film was released
language_id	SMALLINT	Unique language identification
rental_duration	SMALLINT	Number of days film was rented
rental_rate	NUMERIC(4,2)	Cost of film rental per day
length	SMALLINT	Length of film in minutes
replacement_cost	NUMERIC(5,2)	Cost to replace film if not returned
rating	mpaa_rating	Film's rating
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated
special_features	TEXT []	Special features of the film
fulltext	TSVECTOR	Text in the film

## category

Columns	Data Type	Description
category_id	SERIAL	Unique category identification
name	CHARACTER VARYING(25)	Category name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

## language

Columns	Data Type	Description
language_id	SERIAL	Unique language identification
name	CHARACTER VARYING(20)	Language's name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated



### address

Columns	Data Type	Description
address_id	SERIAL	Unique address identification
address	CHARACTER VARYING(50)	Address line 1
address2	CHARACTER VARYING(50)	Address line 2
district	CHARACTER VARYING(20)	District name
city_id	SMALLINT	Unique city identification
postal_code	CHARACTER VARYING(10)	Postal code
phone	CHARACTER VARYING(20)	Phone number
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

### city

Columns	Data Type	Description
city_id	SERIAL	Unique city identification
city	CHARACTER VARYING(50)	City name
country_id	SMALLINT	Unique country identification
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated

### country

Columns	Data Type	Description
country_id	SERIAL	Unique country identification
country	CHARACTER VARYING(50)	Country name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time info updated