

# ROCKBUSTER DATA DICTIONARY

DECEMBER 2022

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## Fact Tables:

### Rental:

Columns	Data Type	Description
Rental_id	Integer	Id of the rental of the movie(unique)
Rental_date	Timestamp without time zone	The date when the movie got rented
Inventory_id	Integer	Id for the inventory (unique)
Customer_id	Integer	An Id for the customer (unique)
Return_date	Timestamp without time zone	The date when the rental ended
Staff_id	Smallint	The id of the staff who did the job
Last_update	Timestamp without time zone	Time when this information got updated for the last time

### Payment:

Columns	Data Type	Description
Payment_id	Integer	A unique id for the payment
Customer_id	Integer	A unique id for the customer
Staff_id	Smallint	A unique id for the staff
Rental_id	Integer	A unique id for the movie id
Amount	Numeric	amount paid
Payment_date	Timestamp without time zone	Payment date

### Dimension tables:

#### Staff:

Columns	Data Type	Description
Staff_id	Integer	Id of the staff
First_name	Character varying(45)	First name of the staff
Last_name	Character varying(45)	Last name of the staff
Address_id	Smallint	Address of the Store
Email	Character varying(50)	Email of the staff
Store_id	Smallint	Unique id of the store where the staff works
Active	Boolean	If the staff is working or not
Username	Character varying(16)	User name of the staff
Password	Character varying(40)	Password of the staff
Last_update	Timestamp without time zone	Last update of these informations
Picture	bytea	If there is a picture of the staff or not

#### Store

Columns	Data Type	Description
Store_id	Integer	A unique id for the store
Manager_staff_id	Smallint	A unique id for the manager of the store
Address_id	Smallint	A unique id for the adress of the store
Last update	Timestamp without time zone	Last update for the informations

#### Film:

Columns	Data Type	Description
Film_id	Integer	Unique id for the film
Title	Character varying(255)	Title of the film
Description	Text	A text, that describes the film
Release_year	Integer	Year of the release of the film
Language id	Smallint	Language of the film
Rental_duration	Smallint	Duration of the rental of the film

Rental_rate	Numeric	Rental rate from the watchers
Length	Smallint	Length of the film
Replacement_cost	Numeric	Cost of the replacement of the film
Rating	Mpaa_rating	Rating of the borrower of the film
Last_update	Timestamp without time zone	Last update of the information
Special_features	ARRAY	Special features in the film (for example: commentaries or deleted scenes or trailers)
Fulltext	Tsvector	Key words for research for the movie.

### Film\_actor

Columns	Data Type	Description
Actor_id	Smallint	Unique id of the actor
Film_id	Smallint	Unique id of the film where the actor is played
Last_update	Timestamp without time zone	Last time where this information got updated

### Film\_category

Columns	Data Type	Description
Film_id	Smallint	Unique id of the film
Category_id	Smallint	Unique id of the category of the film
Last_update	Timestamp without time zone	Last time the information got updated

### Language

Columns	Data Type	Description
Language_id	Integer	Unique id for the language
Name	Character(20)	Name of the language
Last_update	Timestamp without time zone	Last time the information got update

### Inventory

Columns	Data Type	Description
Inventory_id	Integer	A unique an id for the inventory
Film_id	Smallint	A unique id for the film id
Store_id	Smallint	A unique id for the store where the film is available
Last_update	Timestamp without time zone	Last time the information for updated

### Actor

Columns	Data Type	Description
Actor_id	Integer	Unique id of the actor
First_name	Character varying(45)	First name of the actor
Last_name	Character varying(45)	Last name of the actor

### Address:

Columns	Data Type	Description
Adress id	Integer	Unique id for the address
address	Character varying (50)	Street and number of the house of the address
Address 2	Character varying (20)	Second address if available
District	Character varying (20)	The district of the address (city)
City_id	Smallint	The unique if of the city or district
Postal_code	Character varying (10)	Post code of the address
Phone	Character varying (20)	
Last_update	Timestamp without time zone	Last time the information got updated

### Category:

Columns	Data Type	Description
Category_id	Integer	Unique category id
Name	Character varying (25)	Describing the category
Last_update	Timestamp without time zone	Last time the information for updated

### City:

Columns	Data Type	Description
City_id	Integer	Unique id for the city
City	Character varying(50)	Name of the city
Country_id	Smallint	Unique id for the country where the city is.
Last_update	Timestamp without time zone	Last time where the information got updated

### Country:

Columns	Data Type	Description
Country_id	Integer	Unique id for the country
Country	Character varying (50)	Name of the country
Last_update	Timestamp without time zone	Last time where the information got updated

### Customer:

Columns	Data Type	Description
Customer_id	Integer	Unique id of the customer
Store_id	Smallint	Unique id for the store where the customer was
First_name	Character varying(45)	First name of the customer

Last_name	Character varying(45)	Last name of the customer
Email	Character varying (50)	Email of the customer
Adress_id	Smallint	Unique id of the adress
Activebool	Boolean	If the profil of the customer is actif
Create_date	Date	The date where the profil of the customer got created
Last_update	Timestamp without time zone	Last time where the information got updated
Active	Integer	If the profil of the customer is actif