Rockbuster Stealth

DATA DICTIONARY

Table of Contents

ERD (ROCKBUSTER)

Fact tables

Payment

Columns	Data Type	Description
payment_id	Serial	**Primary Key** (unique identifier), automatically generated and populated values
customer_id	SMALLINT	Foreign key to dimension table Customer
staff_id	SMALLINT	Foreign key to link to dimension table Staff
rental_id	Integer	Foreign key to link to dimension table Rental. numeric
amount	Numeric (5,2)	Price, is a real number with **5** digits with **2** number after the decimal point.
payment_date	Timestamp(6)without timezone	Stores both date and time values

Rental

Rental_id	Serial	**Primary key** (unique identifier for rental transaction), automatically generated and populated values
Rental_date	Timestamp(6)without timezone	Data of rental, stores both date and time values
Inventory_id	Integer	Inique identifier for inventory, numeric
Customer_id	Smallint	Unique identifier for customer, numeric
Return_date	Timestamp(6)without timezone	Date of item be returned, stores both date and time values
Staff_id	Smallint	Unique identifier for staff, numeric
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Dimension tables

Customer

Columns	Data Type	Description
Customer_id	Serial	**Primary key**, automatically generated and populated values
Store_id	Smallint	Numeric identifier for store
First_name	Character Varying(45)	is the fixed-length character with space padded, first name of the customer
Last_name	Character Varying(45)	Last name of the customer, the fixed-length character with space padded
Email	Character Varying(50)	Email of the customer, the fixed-length character with space padded
Adress_id	Smallint	Adress of the customer, numeric, foreign key
Activebool	Boolean	data type can hold one of three possible values: true, false, or null, active or not
Create_date	Date	Data of being created
Last_update	Timestamp(6)without timezone	Date and time of record last updated
Active	Integer	Active or not

Staff

Staff_id	Serial	**Primary key**, unique identifier of a staff, automatically generated and populated values
First_name	Character Varying(45)	First name of the staff, the fixed-length character with space padded
Last_name	Character Varying(45)	Last name of the staff, the fixed-length character with space padded
Adress_id	Smallint	Adress of the staff, numeric, foreign key
Email	Character Varying(50)	Email of the staff, the fixed-length character with space padded
Store_id	Smallint	Unique identifier of a store, numeric
Active	Boolean	data type can hold one of three possible values: true, false, or null, active or not
Username	Character Varying(16)	Username of the staff, the fixed-length

		character with space padded
Password	Character Varying(40)	Password of the staff, the fixed-length character with space padded
Last_update	Timestamp(6)without timezone	Date and time of record last updated
Picture	Bytea	binary data type, photo of the staff

Store

Store_id	Serial ●	**Primary key**, unique identifier of a store, automatically generated and populated values
Manager_staff_id	Smallint	Unique identifier of the store manager, numeric, foreign key
Adress_id	Smallint	Adress of the store, numeric, foreign key
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Address

Adress_id	Serial	**Primary key** , unique identifier of an address
Adress	Character Varying(50)	Adress details, the fixed-length character with space padded
Adress2	Character Varying(50)	Extra address details, the fixed-length character with space padded
District	Character Varying(20)	Name of the district, the fixed-length character with space padded
City_id	Smallint	Unique identifier of a city, foreign key
Postal_code	Character Varying(10)	Postal code details, the fixed-length character with space padded
Phone	Character Varying(20)	Postal code details, the fixed-length character with space padded
Last_update	Timestamp(6)without timezone	Date and time of record last updated

City

City_id	Serial	**Primary key,** unique identifier of a city
City	Character Varying(50)	Name of the city
Country_id	Smallint	Unique identifier of a country, foreign key
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Country

Country_id	Serial	**Primary key,** unique identifier of a country
Country	Character Varying(50)	Name of the country
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Film category

Film_id	Smallint	**Primary key,** unique identifier of a film
Category_id	Smallint	Unique identifier of a category
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Category

Category_id	Serial	**Primary key,** unique identifier of a category
Name	Character Varying (25)	Name of the category
Last_update	Character Varying (25)	Date and time of record last updated

Inventory

Inventory_id	Serial	**Primary key,** unique identifier of an inventory
Film_id	Smallint	Unique identifier of a film
Store_id	Smallint	Unique identifier of a store
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Film

Film_id	Serial	**Primary key,** unique identifier of a film
Title	Character Varying(255)	Title of the movie
Description	TEXT	Description of the movie
Release_year	Year	Year that the movie came out
Language_id	Smallint	Unique identifier of the language, foreign key
Rental_duration	Smallint	How long the movie has been rented
Rental_rate	Numeric(4,2)	Data of rental occurred, is a real number with **4** digits with **2** number after the decimal point.
Length	Smallint	Duration of the movie
Replacement_cost	Numeric(5,2)	Costs to replace the rental movie, is a real number with **5** digits with **2** number after the decimal point.
Rating	Mpaa_rating	Which age groups can watch the movie
Last_update	Timestamp(6)without timezone	Date and time of record last updated
Special_features	Text[]	Special features of the movie
Fulltext	TSVECTOR	Text of the movie

Language

Language_id	Serial	**Primary key,** unique identifier of the language
Name	Character (20)	Name of the language
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Film_actor

Actor_id	Smallint	**Primary key,** unique identifier of the actor
Film_id	Smallint	Unique identifier of the film
Last_update	Timestamp(6)without timezone	Date and time of record last updated

Actor

Actor_id	Serial	**Primary key,** unique identifier of the actor
First_name	Character Varying(45)	First name of the actor
Last_name	Character Varying(45)	Last name of the actor
Last_update	Timestamp(6)without timezone	Date and time of record last updated