

Rockbuster Stealth LLC
Data Dictionary



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Rockbuster Database ERD (Entity Relationship Diagram)



Fact Tables:

payment

Column	Data Type	Description
payment_id	Serial	Unique number of payment
customer_id	Smallint	Unique number of a customer
staff_id	Smallint	Unique staff member number
rental_id	Integer	Unique rental number
amount	Numeric(5,2)	Price of payment
payment_date	Timestamp(6) without time zone	Date of payment

rental

Column	Data Type	Description
rental_id	Serial	Unique rental number
rental_date	Timestamp(6) without time zone	Date of movie rental
inventory_id	Integer	Unique inventory number
customer_id	Smallint	Unique customer number
return_date	Timestamp(6) without time zone	Rate of return of rented movie
staff_id	Smallint	Unique employee number
last_update	Timestamp(6) without time zone	Date of last update

Dimension Tables:

store

Column	Data Type	Description
store_id	Serial	Unique store id number
manager_staff_id	Smallint	Unique staff manager number
address_id	Smallint	Address of store
last_update	Timestamp(6) without time zone	Date of last update

film_actor

Column	Data Type	Description
actor_id	Smallint	Unique actor id number
film_id	Smallint	Unique film id number
last_update	Timestamp(6) without time zone	Date of last update

inventory

Column	Data Type	Description
inventory_id	Serial	Unique inventory id number
film_id	Smallint	Unique film id number
store_id	Smallint	Unique store id number
last_update	Timestamp(6) without time zone	Date of last update

film_category

Column	Data Type	Description
film_id	Smallint	Unique film id number
category_id	Smallint	Unique category number
last_update	Timestamp(6) without time zone	Date of last update

customer

Column	Data Type	Description
customer_id	Serial	Unique customer id number
first_name	Character varying(45)	Customer first name
laste_name	Character varying(45)	Customer last name
email	Character varying(45)	Customer email
address_id	Smallint	Customer address
activebool	Boolean	Active true or false
create_date	Date	Customer start date
last_update	Timestamp(6) without time zone	Date of last update
active	Integer	If the account is active

staff

Column	Data Type	Description
staff_id	Serial	Unique staff id number

first_name	Character varying(45)	staff first name
last_name	Character varying(45)	staff last name
address_id	Smallint	staff address
email	Character varying(45)	staff email
store_id	Smallint	Staff store number
active	Boolean	If staff member account is active
username	Character varying(45)	Staff unique username
password	Character varying(45)	Staff unique password
last_update	Timestamp(6) without time zone	Date of last update
picture	Bytea	Picture of staff member

actor

Column	Data Type	Description
actor_id	Smallint	Unique actor id number
first_name	Character varying(45)	Actor's first name
last_name	Character varying(45)	Actor's last name
last_update	Timestamp(6) without time zone	Date of last update

film

Column	Data Type	Description
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film_id	Serial	Unique film id number
title	Character varying(45)	Film title
description	Text	Movie description
release_year	year	Year movie came out
language_id	Smallint	Language of movie
rental_duration	Smallint	How long movie was rented
rental_rate	Numeric(4,2)	Score of renting by customers
length	Smallint	Length of movie
replacement_cost	Numeric(5,2)	Cost of replacement if lost
rating	mpaa_rating	Movie rating
last_update	Timestamp(6) without time zone	Date of last update
special_features	Text[]	Special features in movie
fulltext	Tsvector	Text of the movie

category

Column	Data Type	Description
category_id	Smallint	Unique category number
name	Character varying(45)	Name of category
last_update	Timestamp(6) without time zone	Date of last update

address

Column	Data Type	Description
address_id	Serial	Unique address id number
address	Character varying(50)	Unique address of store
address2	Character varying(50)	Unique address of store cont.
district	Character varying(20)	District of store
city_id	Smallint	Unique city id number
postal_code	Character varying(10)	Postal code for address
phone	Character varying(20)	Phone number for address
last_update	Timestamp(6) without time zone	Date of last update

language

Column	Data Type	Description
language_id	Serial	Unique language id number
name	Character varying(20)	Name of language
last_update	Timestamp(6) without time zone	Date of last update

city

Column	Data Type	Description
city_id	serial	Unique city id number
city	Character varying(50)	Name of city

country_id	Smallint	Unique country id number
last_update	Timestamp(6) without time zone	Date of last update

country

Column	Data Type	Description
country_id	Smallint	Unique country number
country	Character varying(50)	Name of country
last_update	Timestamp(6) without time zone	Date of last update