



ROCKBUSTER STEALTH

DATABASE DICTIONARY

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1. Entity Relationship Diagram



2. Fact Tables

Payment

column_name	data_type	Description	Key Type / Relationship
amount	numeric	payment amount	-
customer_id	smallint	Unique identifier for customer	Foreign/ links to Customer.customer_id
payment_date	timestamp without time zone	paid on	-
payment_id	integer	Unique identifier for payment	Primary
rental_id	integer	Unique identifier for rental	Foreign/ links to rental.rental_id
staff_id	smallint	Unique identifier for member of staff	Foreign/links to Staff.staff_id

Rental

column_name	data_type	Description	Key Type
customer_id	smallint	Unique identifier for customer	Foreign/ links to Customer.customer_id
inventory_id	integer	Unique identifier for inventory	Foreign/links to inventory.inventory_id
last_update	timestamp without time zone	when was last updated	-
rental_date	timestamp without time zone	rented on	-
rental_id	integer	Unique identifier for rental	Primary/ linked from payment
return_date	timestamp without time zone	returned on	-
staff_id	smallint	Unique identifier for member of staff	Foreign/links to Staff.staff_id

3. Dimension Tables

Actor

column_name	data_type	Description	Key Type
actor_id	integer	Unique identifier for actor	Primary/ linked from film.actor
first_name	character varying	first name	-
last_name	character varying	last name	-
last_update	timestamp without time zone	when was last updated	-

Address

column_name	data_type	Description	Key Type
address	character varying	address	Primary/ linked from Store, Staff, Customer
address_id	integer	Unique identifier for address	-
address2	character varying	second part of address	-
city_id	smallint	Unique identifier for city	Foreign/links to city.city_id
district	character varying	district	-
last_update	timestamp without time zone	when was last updated	-
phone	character varying	phone number	-
postal_code	character varying	postal code	-

Category

column_name	data_type	Description	Key Type
category_id	integer	Unique identifier for category	Primary/linked from film_category
last_update	timestamp without time zone	when was last updated	-
name	character varying	film categorz	-

City

column_name	data_type	Description	Key Type
city	character varying	name of the city	-
city_id	integer	Unique identifier of city	Primary/linked from Address
country_id	smallint	Unique identifier for country	Foreign/links to country.country_id
last_update	timestamp without time zone	when was last updated	-

Country

column_name	data_type	Description	Key Type
country	character varying	name of the country	-
country_id	integer	Unique identifier for country	Primary/linked from City
last_update	timestamp without time zone	when was last updated	-

Customer

column_name	data_type	Description	Key Type
active	integer	active or not	-
activebool	boolean	active or not (T/F)	-
address_id	smallint	Unique identifier for address	Foreign/links to address.address_id
create_date	date	date of creation	-
customer_id	integer	Unique identifier for customer	Primary/linked from Payment, Rental
email	character varying	customer's email	-
first_name	character varying	first name	-
last_name	character varying	last name	-
last_update	timestamp without time zone	when was last updated	-
store_id	smallint	Unique identifier for a store	-

Film

column_name	data_type	Description	Key Type
description	text	film's description	-
film_id	integer	Unique identifier for film	Primary/linked from film_actor, inventory, film_category
fulltext	tsvector	text in the film	-
language_id	smallint	Unique identifier for language	Foreign/links to language.language_id
last_update	timestamp without time zone	when was last updated	-
length	smallint	duration of the film in minutes	-
rating	USER-DEFINED	user rating	-
release_year	integer	year of release	-
rental_duration	smallint	duration of rental	-
rental_rate	numeric	rental rate	-
replacement_cost	numeric	cost to replace the film	-
special_features	ARRAY	special features	-
title	character varying	film's title	-

Film_actor

column_name	data_type	Description	Key Type
actor_id	smallint	Unique identifier for actor	Primary/linked to actor.actor_id
film_id	smallint	Unique identifier for film	Primary/linked to film.film_id
last_update	timestamp without time zone	when was last updated	-

Film_category

column_name	data_type	Description	Key Type
category_id	smallint	Unique identifier for category	Primary/linked to category.category_id
film_id	smallint	Unique identifier for film	Primary/linked to film.film_id
last_update	timestamp without time zone	when was last updated	-

Inventory

column_name	data_type	Description	Key Type
film_id	smallint	Unique identifier for film	Foreign/links to film.film_id
inventory_id	integer	Unique identifier for inventory	Primary/linked from rental
last_update	timestamp without time zone	when was last updated	-
store_id	smallint	Unique identifier for a store	-

Language

column_name	data_type	Description	Key Type
language_id	integer	Unique identifier for language	Primary/linked from film
last_update	timestamp without time zone	when was last updated	-
name	character	film's language	-

Staff

column_name	data_type	Description	Key Type
active	boolean	active or not (T/F)	-
address_id	smallint	Unique identifier for staff member address	Foreign/links to address.address_id
email	character varying	email of the employee	-
first_name	character varying	name of the employee	-
last_name	character varying	last name of the employee	-
last_update	timestamp without time zone	when was last updated	-
password	character varying	password of the employee	-
picture	bytea	picture/photo of the employee	-

staff_id	integer	Unique identifier for member of staff	Primary/linked from Payment, Rental, Store
store_id	smallint	Unique identifier for a store	-
username	character varying	login of the employee	-

Store

column_name	data_type	Description	Key Type
address_id	smallint	Unique identifier for address	Foreign/links to address.address_id
last_update	timestamp without time zone	when was last updated	
manager_staff_id	smallint	Unique identifier for manager staff	Foreign/links to staff.staff_id
store_id	integer	Unique identifier for a store	Primary