ROCKBUSTER STEALTH LLC

DATA DICTIONARY

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Store

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ERD (Entity Relationship Diagram) actor_id SMALLINT actor_id SERIAL SMALLINT first_name CHARACTER VARYING(45) last_update TIMESTAMP(6) WITHOUT TIME ZONE last name CHARACTER VARYING (45) last_update TIMESTAMP(6) WITHOUT TIME ZONE inventory_idSERIAL film_id SMALLINT store_id SMALLINT CHARACTER VARYING (255) last_update TIMESTAMP(6) WITHOUT TIME ZONE description language release_year language_id SERIAL language_id rental_duration SMALLINT name CHARACTER(20) last update TIMESTAMP(6) WITHOUT TIME ZONE rental_rate NUMERIC(4,2) SMALLINT replacement_cost\UMER(C(5,2)) mpaa_rating TIMESTAMP(6) WITHOUT TIME ZONE fast_update special_features TEXT[] TSVECTOR fulltext film_category category film_id SMALLINT payment category_idSMALLINT category_idSERIAL rental_id SERIAL last_update TIMESTAMP(6) WITHOUT TIME ZONE name CHARACTER VARYING(25) payment id SERRAL rental_date TIMESTAMP(6) WITHOUT TIME ZONE last_update TIMESTAMP(8) WITHOUT TIME ZONE customer_id SMALLINT inventory_idINTEGER customer_id SMALLINT INTEGER return_date TIMESTAMP(6) WITHOUT TIME ZONE customer_id SERIAL NUMERIO(5,2) staff_id SMALLINT store_id SMALLINT payment_date TIMESTAMP(6) WITHOUT TIME ZONE last update TIMESTAMP(8) WITHOUT TIME ZONE first name CHARACTER VARYING (45) last name CHARACTER VARYING(45) CHARACTER VARYING (50) address_id SMALLINT activebool BOOLEAN create_date DATE last_update TIMESTAMP(6) WITHOUT TIME ZONE INTEGER first_name CHARACTER VARYING(45) last_name CHARACTER VARYING (45) address_id SMALLINT address CHARACTER VARYING (50) address_id SERIAL store_id SMALLINT address CHARACTER VARYING (50) active BOOLEAN address2 CHARACTER VARYING (50) username CHARACTER VARYING(16) CHARACTER VARYING(20) password CHARACTER VARYING (40) SERIAL store_id last_update TIMESTAMP(8) WITHOUT TIME ZONE posta_code CHARACTER VARYING(10) CHARACTER VARYING (50) manager_staff_idSMALLINT phone CHARACTER VARYING (20) country_id SMALLINT country_id SERIAL address_id last update TIMESTAMP(6) WITHOUT TIME ZONE last_update TIMESTAMP(6) WITHOUT TIME ZONE country CHARACTER VARYING (50) Powered by yFiles TIMESTAMP(6) WITHOUT TIME ZONE last_update last_update TIMESTAMP(6) WITHOUT TIME ZONE

DATA DICTIONARY

FACT TABLES

Payment

Column	Data Type	Description	Links
payment_id	serial	Provides id for each payment made for each film	
customer_id	smallint	Provide the id of the customer	customer
staff_id	smallint	Provides the staff id who process the transaction	staff
rental_id	integer	Provides id for each film rental made	rental
amount	numeric	Provides the amount paid	
payment_date	timestamp without time zone	Provides the time the payment was made	
	Column payment_id customer_id staff_id rental_id amount	Column Data Type payment_id serial customer_id smallint staff_id smallint rental_id integer amount numeric	Column Data Type Description payment_id serial Provides id for each payment made for each film customer_id smallint Provide the id of the customer staff_id smallint Provides the staff id who process the transaction rental_id integer Provides id for each film rental made amount numeric Provides the amount paid

Renta

Key	Column	Data Type	Description	Links
PK	rental_id	integer	Provides the rental id number	inventory
	rental_date	timestamp without time zone	Provides the date the rental is made	
FK	inventory_id	integer	Provides the inventory id number	inventory
FK	customer_id	smallint	Provides the customer id number	customer
	return_date	timestamp without time zone	Provides the date the film is returned	
FK	staff_id	smallint	Provides the staff id	staff
	last_update	timestamp without time zone	Provides the last time the table is updated	

DIMENSION TABLES

Actor

Key	Column	Data Type	Description I	
PK	actor_id	integer	Provides a serial integer id to the actors	film_actor
	first_name	character varying	Provides the first name of the actor	
	last_name	character varying	Provides the last name of the actor	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Address

Key	Column	Data Type	Description	Links
PK	address_id	integer	Provides a serial integer to each address	city
	address	character varying	Provides the address of the customer.	
	address2	character varying	This column is meant to provide additional second address of the customer.	
	district	character varying	Provides the district address of the customer	
FK	city_id	smallint	Provides the id of the city.	
	postal_code	character varying	Provides the postal code of the address	
	phone	character varying	Provides the phone number of the customer	
	last_update	timestamp without time zone	Provides the last time the table is updated	

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Key	Column	Data Type	Description	
PK	category_id	integer	Provides a serial integer to each film category	film_category
	name	character varying	Provides the different film genres/categories	
	last_update	timestamp without time zone	Provides the last time the table is updated	

City

Key	Column	Data Type	Description	Links
PK	city_id	integer	Provides a serial integer to each city ac	
	city	character varying	Provides a city name	
	country_id	smallint	Provides the country in which the city is found	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Country

Key	Column	Data Type	Description	Links
PK	country_id	integer	Provides a serial integer to each country	city
	country	character varying	Provides a list of countries in the world	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Customer

Key	Column	Data Type	Description	Links
PK	customer_id	integer	Provides the id number of the customer	payment, rental
	store_id	smallint	Provides the id number of the store	
	first_name	character varying	Provides the first name of the customer	
	last_name	character varying	Provides the last name of the customer	
	email	character varying	Provides the email of the customer	
FK	address_id	smallinte	Provides the address id number of the customer	address
	activebool	boolean	Provides if the customer is registered correctly	
	create_date	date	Provides the time the customer is registered	
	last_update	timestamp without time zone	Provides the last time the table is updated	
	active	integer	Provides if the customer is active or not, in number values 1 or 0	

Film	<u>Film</u>							
Key	Column		Data Type		Description	Links		
PK	film_id		integer		Provides the id of the film	film_actor, film_category_inventory		
	title		character varying		Provides the title of the film			
	description		text		Provides a brief description of what the film is about			
	release_year		integer		Provides the year in which the film was released			
	language_id		smallint		Provide the language id in which the film was made	language		
	rental_duration		smallint		Provides the duration for which the rental is made			
	rental_rate		numeric		Provides the monetary rate at which the rental is made			
	length		smallint		Provides the length of the film in minutes			
	replacement_cos	st	numeric		Provides how much it costs to replace the film			
	rating		user-defined		Provides the mpaa ratings of the film			
	last_update		timestamp without time zone		Provides the last time the film table is updated			
	special_features		array		Provides any special scenes in the film			
	fulltext		tsvector		Provides the full text of the special features			
Film_ac	Film_actor							
Key	Column	Data	Туре	De	escription		Links	
PK	actor_id	smalli	nt	Pro	ovides numerical id of the actor		actor	
FK	film_id	smalli	nt	Pro	ovides numerical id of the film		film	

Provides the time the actor's name is updated in the database

timestamp without time zone

last_update

Film category

Key	Column	Data Type	Data Type Description	
PK	film_id	smallint	Assigns a serial integer value to each new film	film
	category_id	smallint	Provides a category number for a film	category
	last_update	timestamp without time zone	Provides the last time the table is updated	

Inventor

Key	Column	Data Type	Description	Links
PK	inventory_id	integer	Provides an id to the inventory	rental
	film_id	smallint	Provides id number of the film	film,store
	store_id	smallint	Provides the store id.	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Languag

Key	Column	Data Type	Description	Links
PK	language_id	integer	Provides the id number of the language in which the film is made	film
	name	character(20)	Provides the language name	
	last_update	timestamp without time zone	Provides the last time the table is updated	

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Key	Column	Data Type	Description	Links
PK	staff_id	integer	Provides the id number of the staffs	rental, payment,store
	first_name	character varying	Provides the first name of the staff	
	last_name	character varying	Provides the last name of the staff	
FK	address_id	smallint	Provides the address id number of the staff	address
	email	character varying	Provides the email of the staff	
	store)_id	smallint	Provides the store id number the staff works at	
	activebool	boolean	Provides if the data is correct.	
	username	character varying	Provides the username	
	password	character varying	Provides the password	
	last_update	timestamp without time zone	Provides the last time the table is updated	
	picture	bytes	Provides photograph of the staff	

Store

Key	Column	Data Type	Description	Links
PK	store_id	integer	Provides the id of the store	inventory, staff
FK	manager_staff_id	smallint	Provides the code for the manager of the staff.	staff
FK	address_id	smallint	Provides the address id number of each store	address
	last_update	timestamp without time zone	Provides the last time the table is updated	