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ROCKBUSTER STEALTH

DATA DICTIONARY

JOSEPA CUSIDÓ FÀBREGAS

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Entity Relationship Diagram (ERD)

Fact Table: rental

Key	Columns	Data type	Description	Links from	Linkts to
Primary Key	rental_id	SERIAL	Assigned number to the rental	payment	
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of rental		
Foreign Key	inventory_id	INTEGER	Assigned number of inventories		inventory
Foreign Key	customer_id	SMALLINT	Assigned number to the customer		customer
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Return date		
Foreign Key	staff_id	SMALLINT	Assigned number to the staff person		staff
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this rental		

Dimension table: payment

Key	Columns	Data type	Description	Links from	Links to
Primary Key	payment_id	SERIAL	Assigned number to payment		
Foreign Key	customer_id	SMALLINT	Assigned number to each customer		customer
Foreign Key	staff_id	SMALLINT	Assigned number to the staff person		staff
Foreign Key	rental_id	INTEGER	Assigned number to the rental		rental
	amount	NUMERIC(5.2)	Amount paid		

	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of payment		

Dimension table: film_actor

Key	Columns	Data type	Description	Links from	Links to
Primary Key	actor_id	SMALLINT	Assigned number to actor		actor
Primary Key	film_id	SMALLINT	Assigned number to film		film
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this actor/film		

Dimension table: actor

Key	Columns	Data type	Description	Links from	Links to
Primary Key	actor_id	SERIAL	Assigned number to actor	film_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 TIME ZONE	Date of the last update for this actor		

Dimension table: inventory

Key	Columns	Data type	Description	Links from	Links with
Primary key	inventory_id	SERIAL	Assigned number to the inventory	rental	
Foreign Key	film_id	SMALLINT	Assigned number to film		film

	store_id	SMALLINT	Assigned number to store		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this inventory number		

Dimension table: film

Key	Columns	Data type	Description	Links from	Links with
Primary Key	film_id	SERIAL	Assigned number to film	inventory, film_actor, film_category	
	title	CHARACTER VARYING(255)	Title of the film		
	description	TEXT	Description of the film		
	release_year	year	Release year of the film		
Foreign Key	language_id	SMALLINT	Assigned number to the language of the film		language
	rental_duration	SMALLINT	Duration of the rental period		
	rental_rate	NUMERIC(4,2)	Price of the film rental		
	length	SMALLINT	Length of the film		
	replacement_cost	NUMERIC(5,2)	Cost to replace the film		
	rating	mpaa_rating	Film rating		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this film		

	special_features	TEXT	Special features in the film		
	fulltext	TSVECTOR	Keywords for the film		

Dimension table: language

Key	Columns	Data type	Description	Links from	Links to
Primary Key	language_id	SERIAL	Assigned number to the language of the film	film	
	name	CHARACTER(20)	Language		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this language		

Dimension table: film_category

Key	Columns	Data type	Description	Links from	Links to
Primary Key	film_id	SMALLINT	Assigned number to film		film
Primary Key	category_id	SMALLINT	Assigned number to the category		category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this film/ film category		

Dimension table: category

Key	Columns	Data type	Description	Links from	Links to
Primary Key	category_id	SERIAL	Assigned number to the category	film_category	

	name	CHARACTER VARYING(255)	Category name		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this film category		

Dimension table: customer

Key	Columns	Data type	Description	Links from	Links to
Primary Key	customer_id	SERIAL	Assigned number to each customer	payment, rental	
	store_id	SMALLINT	Assigned number to the store		
	first_name	CHARACTER VARYING(45)	Customer first name		
	last_name	CHARACTER VARYING(45)	Customer last name		
	email	CHARACTER VARYING(50)	Customer E-Mail-Address		
Foreign Key	address_id	SMALLINT	Assigned number to the Address		address
	activebool	BOOLEAN	Boolean result for the activity of the customer: true or false		
	create_date	DATE	Date of the entry		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this customer		
	active	INTEGER	Activity of the customer		

Dimension table: staff

Key	Columns	Data type	Description	Links from	Links to
Primary Key	staff_id	SERIAL	Assigned number to the staff person	payment, rental, store	
	first_name	CHARACTER VARYING(45)	Staff first name		
	last_name	CHARACTER VARYING(45)	Staff last name		
Foreign Key	address_id	SMALLINT	Assigned number to the Address		address
	email	CHARACTER VARYING(50)	Staff E-Mail-Address		
	store_id	SMALLINT	Assigned number to the store		
	active	BOOLEAN	Boolean result for the activity of the staff person: true or false		
	username	CHARACTER VARYING(16)	Username of the staff person		
	password	CHARACTER VARYING(40)	Password of the staff person		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this staff person		
	picture	BYTEA	Picture of the staff person		

Dimension table: store

Key	Columns	Data type	Description	Links from	Links to
Primary Key	store_id	SERIAL	Assigned number to the store		staff
Foreign Key	manager_staff_id	SMALLINT	Assigned number pf the manager person		
Foreign Key	address_id	SMALLINT	Assigned number to the address		address
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this store		

Dimension table: address

Key	Columns	Data type	Description	Links from	Links to
Primary Key	address_id	SERIAL	Assigned number to this address	customer, staff, store	
	address	CHARACTER VARYING(50)	Street		
	address2	CHARACTER VARYING(50)	Additionall information to the address		
	district	CHARACTER VARYING(20)	District		
Foreign Key	city_id	SMALLINT	Assigned number to the city		city
	postal_code	CHARACTER VARYING(10)	Postal code		
	phone	CHARACTER VARYING(20)	Phone number		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this address		

Dimension table: city

Key	Columns	Data type	Description	Links from	Links to
Primary Key	city_id	SERIAL	Assigned number to the city		
	city	CHARACTER VARYING(50)	City		
Foreign Key	country_id	SMALLINT	Assigned number to the country		country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this city		

Dimension table: country

Key	Columns	Data type	Description	Links from	Links to
Primary Key	country_id	SERIAL	Assigned number to the country	city	
	country	CHARACTER VARYING(50)	Country		
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the last update for this country		