ROCKBUSTER STEALTH

DATA DICTIONARY

CONTENTS

FACT TABLES

PAYMENT TABLE

This table records information about payment transactions.			
Column	**Data Type**	**Description**	**Foreign Key Relationship**
payment_id	SERIAL	Unique identifier for each payment transaction	Primary Key
customer_id	SMALLINT	Identifier for the customer making the payment	Links to customer.customer_id
			Referenced in rental.customer_id
staff_id	SMALLINT	Identifier for the staff handling the transaction	Links to staff.staff_id
			Referenced in rental.staff_id
rental_id	INTEGER	Identifier for the rental associated with the payment	Links to rental.rental_id
amount	NUMERIC(5,2)	Total amount of the sale	None
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the payment was confirmed	None

RENTAL TABLE

This table records information about rental transactions.			
Column	**Data Type**	**Description**	**Foreign Key Relationship**
rental_id	SERIAL	Unique identifier for each rental transaction	Primary Key
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the unit was rented	None
inventory_id	INTEGER	Unique identifier for the rented unit	Links to inventory.inventory_id
customer_id	SMALLINT	Identifier for the customer renting the unit	Links to customer.customer_id
			Referenced in payment.customer_id

return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the rental was returned	None
staff_id	SMALLINT		Links to staff.staff_id

		Identifier for the staff handling the transaction	Referenced in payment.staff_id

DIMENSION TABLES

RENTAL

Column	Data Type	Description
rental_id	Serial	Primary key for the rental table.
rental_date	Timestamp without time zone	Date and time when the rental was made.
inventory_id	Integer	Unique identifier and foreign key.
customer_id	Smallint	Unique identifier and foreign key.
return_date	Timestamp without time zone	Date when returned was made.
staff_id	Smallint	Unique identifier and foreign key.
last_update	Timestamp without time zone	Date of the last update of the records.

PAYMENT

Column	Data Type	Description
payment_id	Serial	Unique identifier and primary key.
customer_id	Smallint	Unique identifier and foreign key.
staff_id	Smallint	Unique identifier and foreign key.
rental_id	Integer	Unique identifier and foreign key.
amount	Numeric	Amount of the payment.
payment_date	Timestamp withuot time zone	Date when the payment was made.

FILM_ACTOR

Column	Data Type	Description
actor_id	Smallint	Unique identifier and foreign key.
film_id	Smallint	Unique identifier and foreign key.
last_update	Timestamp withuot time zone	Timestamp of the last update to the record.

INVENTORY

Column	Data Type	Description
inventory_id	Serial	Unique identifier and primary key.
film_id	Smallint	Unique identifier and foreign key.
store_id	Smallint	Unique identifier and foreign key.
last_update	Timestamp withuot time zone	Timestamp of the last update to the record.

FILM_CATEGORY

Column	Data Type	Description
film_id	Smallint	Unique identifier and foreign key.
category_id	Smallint	Unique identifier and foreign key.
last_update	Timestamp withuot time zone	Timestamp of the last update to the record.

FILM

Column	Data Type	Description
film_id	Smallint	Unique identifier and primary key.
title	Varchar (255)	Title of the film.
description	Text	Description of the film.
release_year	Year	Release year of the film.
language_id	Smallint	Unique identifier and foreign key.
rental_duration	Smallint	Duration for which the film can be rented.
rental_rate	Numeric	Rental rate for the film.
length	Smallint	Length of the film.
replacement_cost	Numeric	Cost to replace the film.
rating	Mpaa_rating	Rating of the film.
last_update	Timestamp withuot time zone	Time of the last update.
special_features	Text	Special features of the film.
fulltext	Tsvector	

ACTOR

Column	Data Type	Description
actor_id	Serial	Unique identifier and primary key.
first_name	Varchar(45)	First name of the actor.
last_name	Varchar(45)	Last name of the actor.
last_update	Timestamp withuot time zone	Time of the last updat.

CATEGORY

Column	Data Type	Description
category_id	Serial	Unique identifier and primary key.
name	Varchar(25)	Name of the category.
last_update	Timestamp withuot time zone	Time of the last update.

CUSTOMER

Column	Data Type	Description
customer_id	Serial	Unique identifier and primary key.
store_id	Smallint	Unique identifier and foreign key.
first_name	Varchar(45)	First name of the customer.
last_name	Varchar(45)	Last name of the customer.
email	Varchar(50)	Email address of the customer.
address_id	Smallint	Unique identifier and foreign key.
activebool	Boolean	
create_date	Date	Date when the record for the customer was created.
last_update	Timestamp withuot time zone	Time of the last update.
active	Integer	Indicates whether the customer is active or not.

STAFF

Column	Data Type	Description
staff_id	Serial	Unique identifier and primary key.
first_name	Varchar(45)	First name of the staff member.
last_name	Varchar(45)	Last name of the staff member.
address_id	Smallint	Unique identifier and foreign key.
email	Varchar(50)	Email address of the staff member.
store_id	Smallint	Unique identifier and foreign key.
active	Boolean	Indicates whether the staff member is active.
username	Varchar(16)	Username of the staff member.
password	Varchar(40)	Password of the staff member.
last_update	Timestamp withuot time zone	Time of the last update.
picture	Bytea	Picture of the staff member.

STORE

Column	Data Type	Description
store_id	Serial	Unique identifier and primary key.
manager_staff_id	Smallint	Unique identifier and foreign key.
address_id	Smallint	Unique identifier and foreign key.
last_update	Timestamp withuot time zone	Time of the last update.

ADDRESS

Column	Data Type	Description
address_id	Serial	Unique identifier and primary key.
address	Varchar(50)	

address2	Varchar(50)	

district	Varchar(20)	District of the address.
city_id	Smallint	Unique identifier and foreign key.
postal_code	Varchar(10)	Postal code of the address.
phone	Varchar(20)	Phone number associated with the address.
last_update	Timestamp withuot time zone	Time of the last update to the record.

CITY

Column	Data Type	Description
city_id	Serial	Unique identifier and primary key.
city	Varchar(50)	Name of the city.
country_id	Smallint	Unique identifier and foreign key.
last_update	Timestamp withuot time zone	Timestamp of the last update to the record.

COUNTRY

Column	Data Type	Description
country_id	Smallint	Unique identifier and primary key.
country	Varchar(50)	Name of the country.
last_update	Timestamp withuot time zone	Time of the last update to the record.

LANGUAGE

Column	Data Type	Description
language_id	Smallint	Unique identifier and primary key.
name	Char(20)	Name of the language.
last_update	Timestamp withuot time zone	Timestamp of the last update to the record.