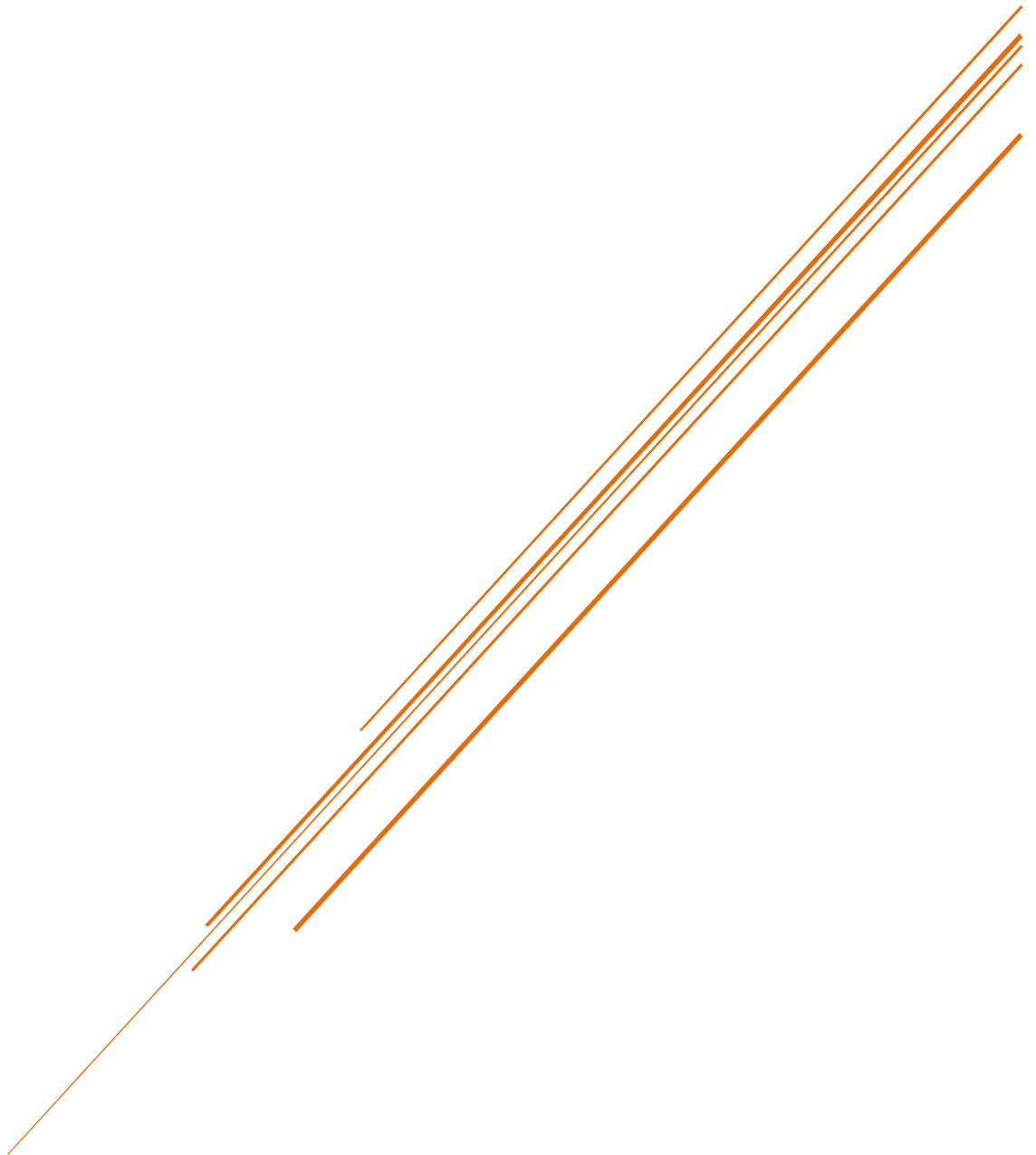


ROCKBUSTER STEALTH LLC

Data Dictionary



2022-03-13

Table of Contents

Legend.....	2
ERD: ENTITY RELATIONSHIP DIAGRAM	3
DATA DICTIONARY	4
Fact Tables	4
Rental.....	4
Dimension Tables.....	4
Payment	4
Store.....	5
Film Actor.....	5
Inventory.....	5
Film Category.....	6
Actor	6
Category.....	6
Customer.....	7
Staff.....	7
Film	8
Address	9
Language.....	9
City	9
Country	10

Legend

Symbol	Name	Description
	Primary Key	Column that acts as a unique identifier for records in a table
	Foreign Key	Column or a set of columns that refers to the primary key in another table





ERD: ENTITY RELATIONSHIP DIAGRAM



DATA DICTIONARY





Fact Tables

Rental




Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
rental_id	SERIAL	NUMERICAL VALUE ASSIGNED TO RENTAL		payment_id		
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	DATE OF RENTAL				
inventory_id	INTERGER	NUMERICAL VALUE ASSIGNED TO ITEM				inventory
customer_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO CUSTOMER				customer
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	DATE RENTAL WAS RETURNED				
staff_id	SMALLINT	NUMERICAL VALUE OF STAFF MEMBER				staff
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				

Dimension Tables


Payment

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
payment_id	SERIAL	NUMERICAL VALUE FOR THE NUMBER OF PAYMENT				
customer_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO CUSTOMER				customer
staff_id	SMALLINT	NUMERICAL VALUE OF STAFF MEMBER				staff
rental_id	INTEGER	NUMERICAL VALUE ASSIGNED TO RENTAL				rental
amount	NUMERICAL	AMOUNT THE RENTAL COST				
payment_id	TIMESTAMP(6) WITHOUT TIME ZONE	NUMERICAL VALUE ASSIGNED TO THE PAYMENT				



Store

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
store_id	SERIAL	NUMERICAL VALUE ASSIGNED TO STORE				
manager_staff_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO MANAGERIAL STAFF MEMBER				staff
address_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO STORE ADDRESS				address
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				




Film Actor

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
actor_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO ACTOR		film_actor		
film_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO FILM				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				


Inventory

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
inventory_id	SERIAL	NUMERICAL VALUE ASSIGNED TO ITEM		rental		
film_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO FILM				film
store_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO STORE				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				


Film Category

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
film_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO FILM				film
category_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO CATEGORY				category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				



Actor

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
actor_id	SERIAL	NUMERICAL VALUE ASSIGNED TO ACTOR		film_actor		
first_name	CHARACTER VARYING	FIRST NAME OF ACTOR				
last_name	CHARACTER VARYING	LAST NAME OF ACTOR				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				



Category

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
category_id	SERIAL	NUMERICAL VALUE ASSIGNED TO CATEGORY		film_category		
name	CHARACTER VARYING	NAME OF CATEGORY				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				

Customer



Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
customer_id	SERIAL	NUMERICAL VALUE ASSIGNED TO CUSTOMER		rental, payment		
store_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO STORE				
first_name	CHARACTER VARYING	FIRST NAME OF CUSTOMER				
last_name	CHARACTER VARYING	LAST NAME OF CUSTOMER				
email	CHARACTER VARYING	EMAIL OF CUSTOMER				
address_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO CUSTOMER ADDRESS				address
activebool	BOOLEAN	CUSTOMER ACTIVITY STATUS				
create_date	DATE	DATE DATA ENTRY WAS CREATED				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				
active	INTEGER	CUSTOMER ACTIVITY STATUS				

Staff



Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
staff_id	SERIAL	NUMERICAL VALUE ASSIGNED TO STAFF MEMBER		payment		
first_name	CHARACTER VARYING	FIRST NAME OF STAFF MEMBER				
last_name	CHARACTER VARYING	LAST NAME OF STAFF MEMBER				
address_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO STAFF MEMBER ADDRESS				address
email	CHARACTER VARYING	EMAIL OF STAFF MEMBER				
store_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO STORE AT WHICH STAFF MEMBER WORKS				
active	BOOLEAN	STAFF ACTIVITY STATUS				

username	CHARACTER VARYING	USERNAME OF STAFF MEMBER				
password	CHARACTER VARYING	PASSWORD OF STAFF MEMBER				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				
picture	BYTEA	PICTURE OF STAFF MEMBER				


Film

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
film_id	SERIAL	NUMERICAL VALUE ASSIGNED TO FILM		film_actor, film_category, inventory		
title	CHARACTER VARYING	TITLE OF FILM				
description	TEXT	DESCRIPTION OF FILM				
release_year	YEAR	YEAR FILM WAS RELEASED				
language_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO LANGUAGE OF FILM				language
rental_duration	SMALLINT	LENGTH OF FILM RENTAL				
rental_rate	NUMERIC	PRICE OF RENTING FILM				
length	SMALLINT	LENGTH OF FILM TIME				
replacement_cost	NUMERIC	COST TO REPLACE FILM				
rating	MPAA_RATING	FILM RATING				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				
special_features	TEXT	SPECIAL FEATURES INCLUDED WITH FILM				
fulltext	TSVECTOR	KEYWORD ASSOCIATED WITH FILM				



Address

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
address_id	SERIAL	NUMERICAL VALUE ASSIGNED TO ADDRESS		store, staff, customer		
address	CHARACTER VARYING	ADDRESS LINE 1				
address2	CHARACTER VARYING	ADDRESS LINE 2				
district	CHARACTER VARYING	DISTRICT OF ADDRESS				
city_id	SMALLINT	CITY OF ADDRESS				city
postal_code	CHARACTER VARYING	POSTAL CODE OF ADDRESS				
phone	CHARACTER VARYING	PHONE NUMBER ASSOCIATED WITH ADDRESS				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				


Language

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
language_id	SERIAL	NUMERICAL VALUE ASSIGNED TO LANGUAGE		film		
name	CHARACTER(20)	NAME OF LANGUAGE				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				

City

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
city_id	SERIAL	NUMERICAL VALUE ASSIGNED TO CITY		address		
city	CHARACTER VARYING	CITY NAME				
country_id	SMALLINT	NUMERICAL VALUE ASSIGNED TO COUNTRY				country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				

Country

Column	Data Type	Description	Primary Key	Links From	Foreign Key	Links To
country_id	SERIAL	NUMERICAL VALUE ASSIGNED TO COUNRTY		city		
country	CHARACTER VARYING	NAME OF COUNTRY				
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	MOST RECENT DATE DATA ENTRY WAS UPDATED				