

ABDELRAHMAN MOUSTAFA

DATA DICTIONARY



Rockbuster Stealth LLC

Fact Tables

Table Name	Column	Data Type	Description
Payment	payment_id	SERIAL	Unique identifier for each payment.
	customer_id	SMALLINT	Foreign key linking to the customer table.
	staff_id	SMALLINT	Foreign key linking to the staff table.
	rental_id	INTEGER	Foreign key linking to the rental table.
	amount	NUMERIC(5,2)	Payment amount.
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the payment.
Rental	rental_id	SERIAL	Unique identifier for each rental.
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the rental.
	inventory_id	INTEGER	Foreign key linking to the inventory table.
	customer_id	SMALLINT	Foreign key linking to the customer table.
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time the item was returned.
	staff_id	SMALLINT	Foreign key linking to the staff table.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp for the last update to this record.

Dimension Tables

Table Name	Column	Data Type	Description
Actor	actor_id	SERIAL	Unique identifier for each 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	Timestamp for the last update to this record.
Film	film_id	SERIAL	Unique identifier for each film.
	title	CHARACTER VARYING(255)	Title of the film.
	description	TEXT	Description of the film.
	release_year	YEAR	Year the film was released.
	rental_duration	SMALLINT	Duration the film can be rented.
	rental_rate	NUMERIC(4,2)	Rental rate for the film.
Customer	customer_id	SERIAL	Unique identifier for each customer.
	store_id	SMALLINT	Foreign key linking to the store table.
	first_name	CHARACTER VARYING(45)	Customer's first name.
	last_name	CHARACTER VARYING(45)	Customer's last name.
	email	CHARACTER VARYING(50)	Customer's email address.

Table Name	Column	Data Type	Description
	activebool	BOOLEAN	Status indicating if the customer is active.
	create_date	DATE	Date the customer was created in the system.