Year End Rockbuster Sales Analysis

_____

DATA DICTIONARY

Table of Contents:

1.Entity Relationship Diagram
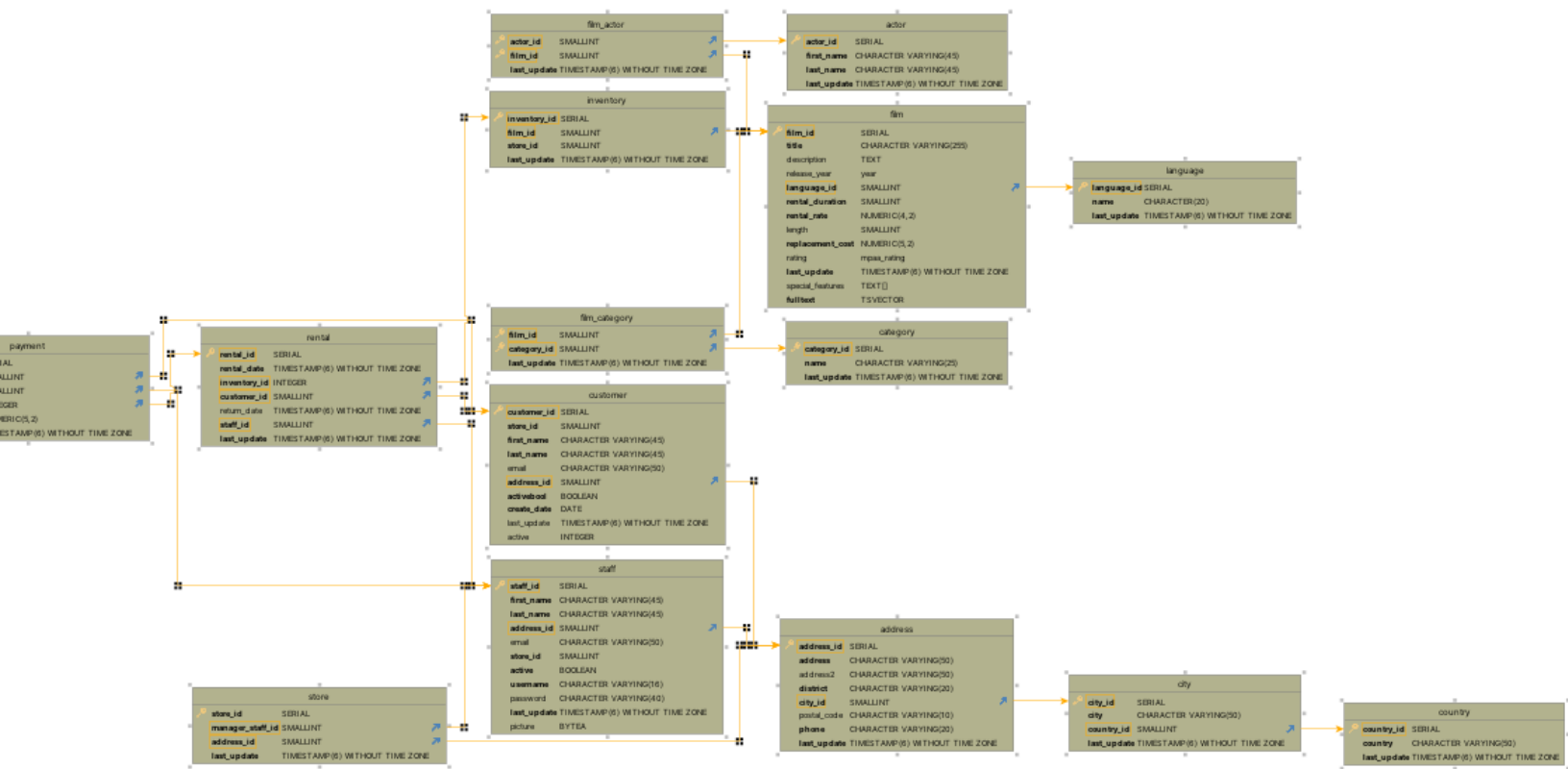
2. TABLES

COLUMNS	DATA TYPE	DESCRIPTION
PAYMENT		
PAYMENT_ID	**Serial**	**Unique identifier for payment**
CUSTOMER_ID	**Smallint**	**Unique identifier for customer**
STAFF_ID	**Smallint**	**Unique identifier for staff**
RENTAL_ID	**Integer**	**Unique identifier for rental**
AMOUNT	**Numeric (5,2)**	**Amount in numerical value**
PAYMENT DATE	**Time stamp (6) without time**	**Date and time of payment**
RENTALS		
RENTAL_ID	**Serial**	**Unique identifier for rental**
RENTAL DATE	**Timestamp (6) w out time**	**Date and time of rental**
INVENTORY ID	**Integer**	**Unique Identifier for inventory**
CUSTOMER ID	**Smallint**	**Unique identifier for customer**
RETURN DATE	**Timestamp (6) w out time**	**Date and time of return**
STAFF ID	**Smallint**	**Unique identifier for staff**
LAST UPDATE	**Timestamp (6) w out time**	**Time of last update**

INVENTORY

INVENTORY ID	Integer	Unique identifier for subject
FILM ID	Smallint	Unique identifier for subject
STORE ID	Smallint	Unique identifier for subject
LAST UPDATE	Timestamp w out time	Time of last update

FILM ACTOR

FILM ID	Smallint	Unique identifier for subject
ACTOR ID	Smallint	Unique identifier for subject
LAST UPDATE	Timestamp w out time	Time of last update

FILM CATEGORY

FILM ID	Smallint	Unique identifier for subject
CATEGORY ID	Smallint	Unique identifier for subject
LAST UPDATE	Timestamp (6) w out time	Time of last update

CUSTOMER

CUSTOMER ID	Serial	Unique identifier for subject
STORE ID	Smallint	Unique identifier for subject
FIRST NAME	Character varying (45)	First name of subject

LAST NAME	Character varying (45)	Last name of subject
EMAIL	Character varying (50)	Email address of subject
ADDRESS ID	Smallint	Unique identifier for subject
ACTIVEBOOL	Boolean	Customer activity status
CREATE DATE	Date	Entry date in the system
LAST UPDATE	Timestamp (6) w out time	Time of last update
ACTIVE	Integer	Number of activity
STAFF		
STAFF ID	Serial	Unique identifier for subject
FIRST NAME	Character varying (45)	First name of subject
LAST NAME	Character varying (45)	Last name of subject
ADDRESS ID	Smallint	Unique identifier for subject
EMAIL	Character varying (45)	Email address of subject
STORE ID	Smallint	Unique identifier for subject
ACTIVE	Boolean	Number of activity
USERNAME	Character varying (45)	Username of staff member
PASSWORD	Character varying (45)	Password of staff member
LAST UPDATE	Timestamp (6) without timezone	Time of last update

PICTURE	Bytea	Picture of staff member

ACTOR

ACTOR ID	Serial	Unique identifier for subject
FIRST NAME	Character varying (45)	First name of subject
LAST NAME	Character varying (45)	Last name of subject
LAST UPDATE	Timestamp (6) without timezone	Time of last update

FILM

FILM ID	Serial	Unique identifier for subject
TITLE	Character varying (45)	Title of film
DESCRIPTION	Text	Description of film
RELEASE YEAR	Year	Release year of film
LANGUAGE ID	Smallint	Unique identifier for language
RENTAL DURATION	Smallint	Duration of rental
RENTAL RATE	Numeric (4,2)	Rental rate for the film
LENGTH	Smallint	Length of the film
REPLACEMENT COST	Numeric (4,2)	Cost to replace the film
RATING	Mpaa rating	Rating of the film
LAST UPDATE	Timestamp (6) without timezone	Time of last update
SPECIAL FEATURES	Text	Features of the film
FULLTEXT	Tsvector	Type of index of film

CATEGORY

CATEGORY ID	Serial	Unique identifier for subject
NAME	Character varying (45)	Name of subject
LAST UPDATE	Timestamp (6) without timezone	Time of last update

ADDRESS

ADDRESS	Character varying (50)	First line of an address
ADDRESS2	Character varying (50)	Second line of an address
DISTRICT	Character varying (20)	The region of an address
CITY ID	Smallint	Unique identifier for subject
POSTAL CODE	Character varying (10)	Postal code of address
PHONE	Character varying (20)	Phone number of an address
LAST UPDATE	Timestamp (6) without timezone	Time of last update
ADDRESS ID	Serial	Unique identifier of subject

STORE

STORE ID	Serial	Unique identifier for subject
MANAGER STAFF	Smallint	
ADDRESS ID	Smallint	Unique identifier for subject
LAST UPDATE	Timestamp (6) w out time zone	Time of last update

LANGUAGE

LANGUAGE ID	Serial	Unique identifier for subject
NAME	character (20)	Name of subject
LAST UPDATE	Timestamp (6) w out time zone	Time of last update

CITY

CITY ID	Serial	Unique identifier for subject
CITY	Character varying	Name of city
COUNTRY ID	Smallint	Unique identifier for subject
LAST UPDATE	Timestamp (6) w out time zone	Time of last update

COUNTRY

COUNTRY ID	Serial	Unique identifier for subject
COUNTRY	Character varying	Name of country
LAST UPDATE	Timestamp (6) w out time zone	Time of last update