

DATA DICTIONARY

Rockbuster Stealth





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ERD (Entity Relationship Diagram)







1.Payment Table

Column Name	Data type	Description
 Payment_	SERIAL	Unique identification number for payment for each sale
 Customer_id	SMALLINT	Identification number for each customer
 Staff_id	SMALLINT	Identification number for working staff in payment
 Rental_id	INTEGER	Identification number of rent movie
Amount	NUMERIC (5,2)	Payment amount while purchase
Payment date	TIMESTAMP (6)	Date of payment

Linked to

Table Name	Column Name
Rental Table	Payment.rental_id = Rental.rental_id
Staff Table	Payment.staff_id =Staff.staff_id
Customer Table	Payment.customer_id = Customer. customer_id




2.Rental Table

Column Name	Data Type	Description
 Rental_id	SERIAL	Unique identification number of each rental product
Rental_date	TIMESTAMP (6)	Date of rent product
 Inventory_id	INTEGER	Identification number of rental inventory
 Customer_id	SMALLINT	Identification number of each customer
Return_date	TIMESTAMP (6)	Return date of the product
 Staff_id	SMALLINT	Identification number of each working staff
Last update	TIMESTAMP (6)	Last updating date of rental table

Linked to

Table Name	Column Name
Inventory Table	Rental.inventory_id = Inventory.inventory_id
Staff Table	Rental.staff_id =Staff.staff_id
Customer Table	Rental.customer_id = Customer. customer_id





3. Store Table

Column Name	Data Type	Description
 Store_id	INTEGER	Unique identification number of rental store
 Manager staff_id	SMALLINT	Identification number of staff who manage store.
 Address_id	SMALLINT	Identification number of store address
Last update	TIMESTAMP (6)	last updating date of store table

Linked to

Table Name	Column Name
Staff Table	Store.staff_id =Staff.staff_id
Address Table	Store.address_id = Address. address_id



4.Film Actor Table

Column Name	Data Type	Description
  Actor_id	SMALLINT	Unique identification number of each film actor
  Film_id	SMALLINT	Unique identification number of each film in which role played by actor
Last update	TIMESTAMP (6)	last updating date of film actor table

Linked to

Table Name	Column Name
Actor Table	Film actor. actor_id =Actor. Actor_id
Film Table	Film actor. film_id = Film. film_id





5.Inventory Table

Column Name	Data Type	Description
 Inventory_id	SERIAL	Unique identification number of list of all products
 Film_id	SMALLINT	Identification number of film in inventory
Store_id	SMALLINT	Identification number of inventory stores
Last update	TIMESTAMP (6)	Updating date of inventory products

Linked to

Table Name	Column Name
Film Table	Inventory. film_id = Film. film_id



6.Film category Table

Column Name	Data Type	Description
  Film_id	SMALLINT	Unique identification number of each film
  Category_id	SMALLINT	Unique identification number of each film category
Last update	TIMESTAMP (6)	Updating date of film category

Linked to

Table Name	Column Name
Film Table	Film category. film_id = Film. film_id
Category Table	Film category. category_id = category. category_id



7. Customer Table

Column Name	Data Type	Description
 Customer_id	SERIAL	Unique identification number of each customer
Store_id	SMALLINT	Identification number of store where purchase is made.
First_name	VARCHAR (45)	First name of customer
Last_name	VARCHAR (45)	Last name of customer
Email	VARCHAR (50)	Email address of customer
 Address_id	SMALLINT	Identification number of customer address
Activebool	BOOLEAN	Customer information integrity
Create_date	DATE	Record creation date
Last_date	TIMESTAMP (6)	Last date of customer 'purchase
Active	INTEGER	Customer activation

Linked to

Table Name	Column Name
Address Table	Customer. address_id = Address.address_id


8.Staff Table

Column Name	Data Type	Description
 Store_id	SERIAL	Unique identification number of each working staff
First_name	VARCHAR (45)	First name of staff
Last_name	VARCHAR (45)	Last name of staff
Email	VARCHAR (50)	Email address of staff
 Address_id	SMALLINT	Identification number of staff address
Store_id	INTEGER	Identification number of each store in which staff is working
Active	BOOLEAN	Staff activation
Username	VARCHAR (16)	Username of each staff
Password	VARCHAR (40)	Password of the staff' username
Last update	TIMESTAMP (6)	Updating date of each staff work, entry time and exit time
Picture	BYETA	Photo of each staff

Linked to

Table Name	Column Name
Address Table	Staff. address_id = Address.address_id



9.Actor Table

Column Name	Data Type	Description
 Actor_id	SERIAL	Unique identification number of each actor
First_name	VARCHAR (45)	First name of each actor
Last_name	VARCHAR (45)	Last name of each actor
Last update	TIMESTAMP (6)	Last updating date of actor table

Linked to

Table Name	Column Name
Film Actor Table	Actor. actor_id = Film actor. actor_id


10. Film Table

Column Name	Data Type	Description
 Film_id	SERIAL	Unique identification number of each film
Title	VARCHAR (255)	Name of the film
Description	TEXT	Short summary of the film
Release_year	year	Releasing year of film
 Language_id	SMALLINT	Identification number of film language
Rental_duration	SMALLINT	Time length of film rental
Rental_rate	NUMERIC (4,2)	Amount of film rental
Length	SMALLINT	Length of film
Replacement_cost	NUMERIC (5,2)	Amount of rental film replacement
Rating	mpaa-rating	Film rating
Last update	TIMESTAMP (6)	Last updating in film table
Special features	TEXT	Special things about the film
Fulltext	TSVECTOR	Short description of the film

Linked to

Table Name	Column Name
Language Table	Film. language_id = Language. language_id



11. Category Table

Column Name	Data Type	Description
 Category_id	SERIAL	Unique identification number of each film category
Name	VARCHAR (25)	Name of the film category
Last update	TIMESTAMP (6)	Updating date of category table

Linked to

Table Name	Column Name
Film category Table	Category. category_id = Film category. category_id


12. Address Table

Column Name	Data Type	Description
 Address_id	SERIAL	Unique identification number of address
Address	VARCHAR (50)	Address details
District	VARCHAR (20)	Name of the district
 City_id	SMALLINT	Identification number of city
Postal_code	VARCHAR (10)	Postal code of the city
Phone	VARCHAR (20)	Phone number
Last update	TIMESTAMP (6)	Last updating of the address table

Linked to

Table Name	Column Name
City Table	Address. city_id = City. city_id



13. Language Table

Column Name	Data Type	Description
 Language_id	SERIAL	Unique identification number of each film language
Name	CHAR (20)	Name of the language
Last update	TIMESTAMP (6)	Updating date of language table

Linked to

Table Name	Column Name
Film Table	Language. language_id = Film. language_id


14. City Table

Column Name	Data Type	Description
 City_id	SERIAL	Unique identification number of the city
City	VARCHAR (50)	Name of the city
 Country_id	SMALLINT	Identification number of country
Last update	TIMESTAMP (6)	Updating date of city table

Linked to

Table Name	Column Name
Country Table	City. country_id = Country. country_id

15. Country Table

Column Name	Data Type	Description
 Country_id	SERIAL	Unique identification number of the country
Country	VARCHAR (50)	Name of the country
Last update	TIMESTAMP (6)	Updating date of country table

Linked to

Table Name	Column Name
City Table	Country. country_id = City. country_id

