



Rockbuster Stealth Data Dictionary

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Fact Tables

Payment		
Columns	Data type	Description
Payment_id	Serial	Surrogate Primary Key
Customer_id	Integer(SMALLINT)	Foreign Key to link to customer table
Staff_id	Integer(SMALLINT)	Foreign Key to link to staff table
Amount	Numeric Two Decimal Places	Amount Recorded for each payment transaction

Rental		
Columns	Data type	Description
Renta_id	Serial	Surrogate Primary Key
Rental _date	Date Timestamp	Date recorded for each rent event
Inventory_id	Integer(SMALLINT)	Foreign key to link to inventory table
Customer_id	Integer(SMALLINT)	Foreign key to link to Customer table
return_date	Date Timestamp	date recorded for each rental returned
Staff_id	Integer(SMALLINT)	foreign key to link to staff table
last_updated	Date Timestamp	date of when the record was last updated

Dimension Tables

STORE		
Columns	Data type	Description
Store_id	serial	Surrogate Primary Key
Manager_staff_id	Integer(SMALLINT)	foreign key to link to staff table
address_id	Integer(SMALLINT)	foreign key to link to address table
last_updated	date timestamp	date of when the record was last updated

Film Actor		
Columns	Data type	Description
Actor_id	Integer(SMALLINT)	Composite Primary key to identify each single actor, also acts as foreign key to link the actor table
film_id	Integer(SMALLINT)	Composite Primary key to identify each single Film, also acts as foreign key to link the Film table
Last_update	date timestamp	date of when the record was last updated

Inventory		
Columns	Data type	Description
inventory_id	serial	Id to identify each unique movie copy
film_id	Integer(SMALLINT)	Foreign key to link to the Film table
store_id	Integer(SMALLINT)	id of the store where the copy of the movie is located
Last_update	date timestamp	date of when the record was last updated

Film Category		
Columns	Data type	Description
Film_id	Integer(SMALLINT)	Composite Primary Key to identify each category
Category_id	Integer(SMALLINT)	Composite Primary Key to identify each category and foreign key to link to category table
last update	date timestamp	date of when the record was last updated

Customer		
Columns	Data type	Description
Customer_id	serial	Primary key to identify each unique customer
Store_id	Integer(SMALLINT)	Id of the store the client record is referring to
First_name	VARCHAR	customer first name
Last_name	VARCHAR	customer last name
address_id	Integer(SMALLINT)	Foreign key to link to address table
Active_bool	Boolean	wether the customer is active or not
create_date	date	when the client was first recorded in the database
last_update	date (Timestamp)	date of when the record was last updated
Active	Integer	wether the customer is active or not

Staff		
Columns	Data type	Description
staff_id	serial	Primary key to identify each unique staff
First_name	VARCHAR	staff first name
Last_name	VARCHAR	staff last name
address_id	Integer(SMALLINT)	Foreign key to link to address table
Email	VARCHAR	staff email
Store_id	Integer (SMALLINT)	id of the store the staff record is referring to
Active	boolean	wether the staff is active or not
Username	VARCHAR	staff username
Password	VARCHAR	staff password
Last_Update	date (Timestamp)	date of when the record was last updated
Picture	BYTEA	picture of staff

ACTOR		
Columns	Data type	Description
Actor_id	serial	Primary key to identify each unique actor
First_Name	VARCHAR	actor first name
Last_Name	VARCHAR	Actor last name
Last_updated	date (Timestamp)	date of when the record was last updated

FILM		
Columns	Data type	Description
Film_id	Serial	Primary key to identify each unique film
Title	VARCHAR	film title
Decription	text	Film description
Release_id	year	year of release of the film
Language	Integer (SMALLINT)	foreign key to link to the language table
rental_duration	Integer (SMALLINT)	duration of the rental
rental_rate	Numeric (two decimal place)	rate of the rental
length	Integer (SMALLINT)	duration of the film
replacement_cost	Numeric (two decimal place)	cost associated with the film replacement
Rating	Mpaa Rating	rating of the film
Last update	date (Timestamp)	date of when the record was last updated
Special_Features	Text	extra information available in the film
FullTXT	TSVECTOR	extra information about the content

CATEGORY		
Columns	Data type	Description
Category_id	serial	Primary key to identify each unique category
Name	VARCHAR	CATEGORY name
last_update	date (Timestamp)	date of when the record was last updated

ADDRESS		
Columns	Data type	Description
Address_id	serial	Primary key to identify each unique address information
Address	VARCHAR	Address information
Address2	VARCHAR	Address information
District	VARCHAR	Address information
City_id	Integer (SMALLINT)	foreign key to link to city table
Postal_code	VARCHAR	Address information
Phone	VARCHAR	phone number
Last_update	date (Timestamp)	date of when the record was last updated

LANGUAGE		
Columns	Data type	Description
language_id	serial	primary key to identify different languages
name	VARCHAR	language name
last_update	date (Timestamp)	date of when the record was last updated

CITY		
Columns	Data type	Description
City_id	serial	primary key to identify each unique city
city	VARCHAR	city name
Country_id		foreign key to link to country table
last_update	date (Timestamp)	date of when the record was last updated

COUNTRY		
Columns	Data type	Description
Country_id	serial	Primary key to identify each unique country
Country	VARCHAR	country name
Last_update	date (Timestamp)	date of when the record was last updated