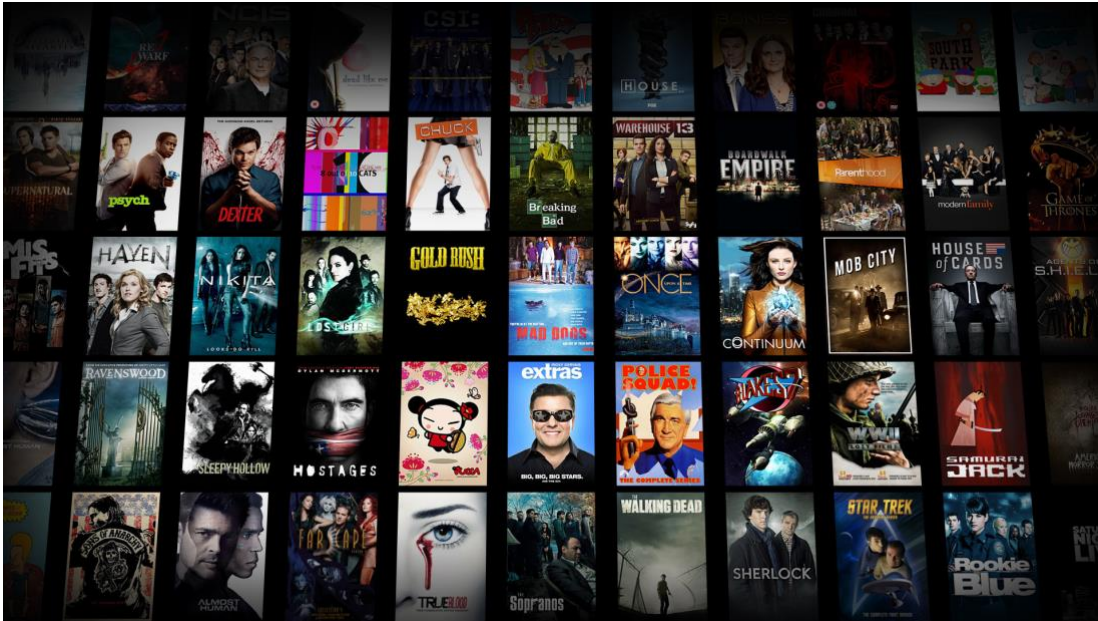# DATA
DICTIONARY

25.NOV.22

ROCKBUSTER DATA STRUCTURE

CONTENTS

LEGEND

🔑	Primary Key (PK)
🔑	Foreign Key (FK)

FACT TABLE

RENTAL

Fact Table		
Table Name	**Rental**	
Columns	**Data Type**	**Description**
🔑 rentald_id	Serial	The unique id assigned to each movie rental
rental_date	Time Stamp (6) Without Time Zone	The date and time of when it was rented out
🔑 inventory_id	Integer	The id assigned for record keeping
🔑 customer_id	Smallint	Customer id to whom the movie was issued
return_date	Time Stamp (6) Without Time Zone	The date and time of return
🔑 staff_id	Smallint	The id assigned to each staff
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

DIMENSION TABLE

INVENTORY

Dimension Table		
Table Name	**Inventory**	
Columns	**Data Type**	**Description**
🔑 inventory_id	Serial	The id assigned for record keeping
🔑 film_id	Smallint	The unique id assigned to each movie
🔑 store_id	Smallint	The unique id assigned to each store
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

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PAYMENT

Dimension Table		
Table Name	**Payment**	
Columns	**Data Type**	**Description**
🔑 payment_id	Serial	The id assigned for record keeping
🔑 customer_id	Smallint	Customer id to whom the movie was issued
🔑 staff_id	Smallint	The unique id assigned to each store
🔑 rental_id	Integer	The unique id assigned to each movie rental
amount	Numeric (5,2)	The amount paid by customer
payment_date	Time Stamp (6) Without Time Zone	Time of payment

CATEGORY

Dimension Table		
Table Name	**Category**	
Columns	**Data Type**	**Description**
🔑 category_id	Serial	The unique id assigned to each movie category
name	Character Varying (25)	Name of category
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

LANGUAGE

Dimension Table		
Table Name	**Language**	
Columns	**Data Type**	**Description**
🔑 language_id	Serial	ID assigned to language(s) movie is available in
name	Character Varying (20)	Name of language
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

CUSTOMER

Dimension Table		
Table Name	**Customer**	
Columns	**Data Type**	**Description**
🔑 customer_id	Serial	Customer id to whom the movie was issued
🔑 store_id	Smallint	The unique id assigned to each store
first_name	Character Varyng(45)	First name of customer
last_name	Character Varyng(45)	Last name of customer
email	Character Varyng(45)	Email address of customer
🔑 address_id	Smallint	Postal address of customer
activebool	Boolean	Status whether customer is active or not
create_date	Date	Creation date
last_update	Time Stamp (6) Without Time Zone	Time of last updated status
active	Integer	Status of customer

STAFF

Dimension Table		
Table Name	**Staff**	
Columns	**Data Type**	**Description**
🔑 staff_id	Serial	The id assigned to each staff
first_name	Character Varyng(45)	First name of staff
last_name	Character Varyng(45)	Last name of staff
🔑 address_id	Smallint	Postal address of staff
email	Character Varyng(45)	Email address of staff
🔑 store_id	Smallint	The unique id assigned to each store
active	Boolean	Status whether customer is active or not
username	Character Varyng(16)	Username of staff
Password	Character Varyng(40)	Password of staff

last_update	Time Stamp (6) Without Time Zone	Time of last updated status
picture	Bytea	Picture of staff

Dimension Table		
Table Name	Store	
Columns	Data Type	Description
🔑 store_id	Serial	The unique id assigned to each store
manager_staff_id	Smallint	ID of Manager
🔷 address_id	Smallint	Postal address of store
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

ADDRESS

Dimension Table		
Table Name	Address	
Columns	Data Type	Description
🔑 address_id	Serial	Postal address of store
address	Character Varyng(50)	Postal address of store
address2	Character Varyng(50)	Postal address of store
district	Character Varyng(50)	Time of last updated status
🔷 city_id	Smallint	City
postal_code	Character Varyng(10)	Postal Code
Phone	Character Varyng(20)	Phone number
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

FILM CATEGORY

Dimension Table		
Table Name	Film Category	
Columns	Data Type	Description
🔑 film_id	Smallint	The unique id assigned to each movie

Dimension Table		
🔑 category_id	Smallint	The unique id assigned to each movie category
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

FILM ACTOR

Dimension Table		
Table Name	**Film Actor**	
Columns	**Data Type**	**Description**
🔑 actor_id	Smallint	The unique id assigned to an actor
🔑 film_id	Smallint	The unique id assigned to each movie
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

ACTOR

Dimension Table		
Table Name	**Actor**	
Columns	**Data Type**	**Description**
🔑 actor_id	Serial	The unique id assigned to an actor
first_name	Character Varyng(45)	First name of actor
last_name	Character Varyng(45)	Last name of actor
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

CITY

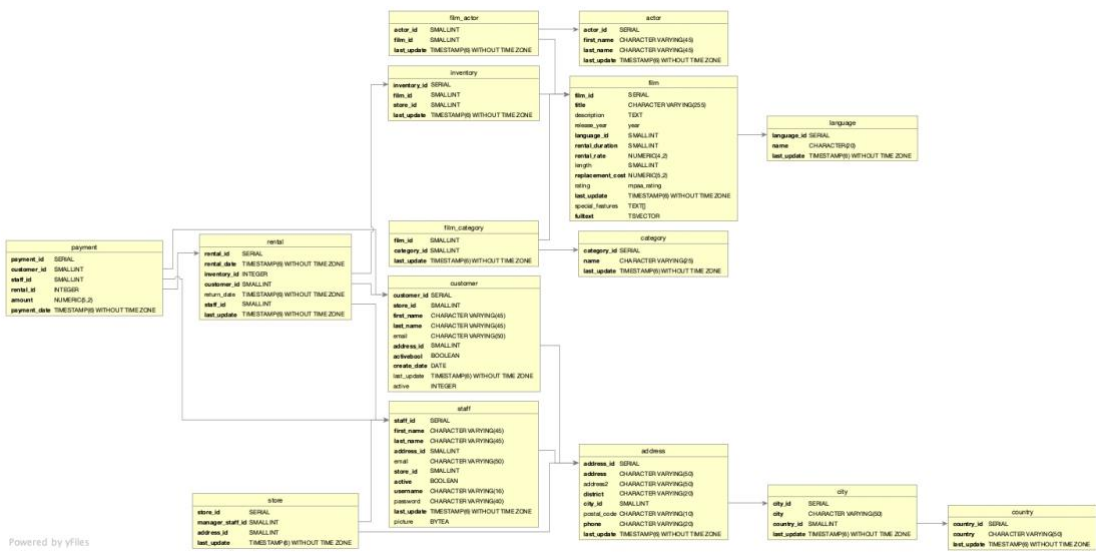| Dimension Table		
Table Name	**City**	
Columns	**Data Type**	**Description**
🔑 city_id	Serial	Id assigned to City
name	Character Varying (50)	Name of City
🔑 country_id	Smallint	Country code
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

FILM

Dimension Table		
Table Name	**Film**	
Columns	**Data Type**	**Description**
🔑 film_id	Serial	The unique id assigned to each movie
title	Character Varyng(45)	Title of the movie
description	Text	What is the movie about
release_year	Year	Year of release
🔑 language_id	Smallint	ID assigned to language(s) movie is available in
rental_duration	Smallint	The unique id assigned to each store
rental_rate	Numeric(4,2)	Length of time for which movie is on rent
length	Smallint	Duration of movie
replacement_cost	Numeric(5,2)	Cost of replacement in the case of loss or theft
rating	mpaa-rating	Movie rating
last_update	Time Stamp (6) Without Time Zone	Time of last updated status
special_features	Text[]	If there are any special features available (HD, subtitles etc)
fulltext	Tv Sector	Keywords

STORE

Dimension Table		
Table Name	**Store**	
Columns	**Data Type**	**Description**
🔑 store_id	Serial	The unique id assigned to each store
manager_staff_id	Smallint	ID of Manager
🔑 address_id	Smallint	Postal address of store
last_update	Time Stamp (6) Without Time Zone	Time of last updated status

ENTITY RELATIONSHIP DIAGRAM

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