

# Year End Rockbuster Sales Analysis



**MAY 15** 

Rockbuster
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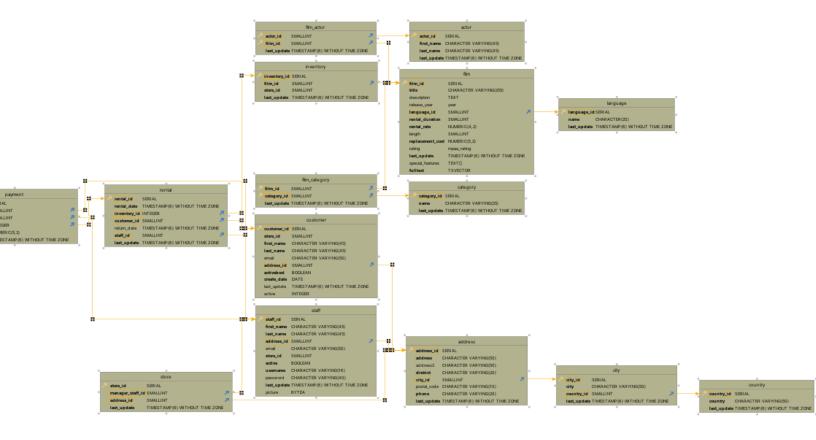


## **DATA DICTIONARY**

# **Table of Contents:**

1.	Entity Relationship Diagram	3
2.	Tables	
2.1	Payment	4
2.2	Rentals	4
2.3	Inventory	5
2.4	Film Actor	5
2.5	Film category	5
2.6	Customer	6
2.7	Staff	7
2.8	Actor	7
2.9	Film	7
2.1	O Category	8
2.1	11 Address	8
2.1	.12 Store	8
2.1	.13 Language	9
	.14 City	
2.1	.15 Country	9

## 1.Entity Relationship Diagram



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#### 2. TABLES

COLUMNS	DATA TYPE	DESCRIPTION
<u>PAYMENT</u>		
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
	Timestamp wout time	
FILM CATEGORY	- mosemup would	
	Smallint	Unique identifier for subject
FILM CATEGORY	-	Unique identifier for
FILM CATEGORY FILM ID	Smallint	Unique identifier for subject Unique identifier for
FILM CATEGORY FILM ID CATEGORY ID	Smallint Smallint Timestamp (6) w out	Unique identifier for subject Unique identifier for subject
FILM CATEGORY  FILM ID  CATEGORY ID  LAST UPDATE	Smallint Smallint Timestamp (6) w out	Unique identifier for subject Unique identifier for subject
FILM CATEGORY  FILM ID  CATEGORY ID  LAST UPDATE  CUSTOMER	Smallint Smallint Timestamp (6) w out time	Unique identifier for subject Unique identifier for subject Time of last update Unique identifier for

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	<b>Duration of rental</b>
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
LANGUAGE ID  RENTAL DURATION  RENTAL RATE  LENGTH  REPLACEMENT COST  RATING  LAST UPDATE  SPECIAL FEATURES	Smallint  Smallint  Numeric (4,2)  Smallint  Numeric (4,2)  Mpaa rating  Timestamp (6) without timezone  Text	Unique identifier for language  Duration of rental  Rental rate for the film  Length of the film  Cost to replace the film  Rating of the film  Time of last update  Features of the 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

<b>LANGUAGE</b>		
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