

ROCKBUSTER STEALTH LLC

Data Dictionary

- Jake Elliot
 - Data Analyst
 - June 13, 2022

TABLE OF CONTENTS

Entity Relationship Diagram (Pg. 3)

Fact Tables (Pg. 4)

4 -- 2.1 - RENTAL

Dimension Tables (Pgs. 5-18)

5 -- 3.1 – PAYMENT

6 -- 3.2 – STORE

7 -- 3.3 – FILM_ACTOR

8 -- 3.4 – INVENTORY

9 -- 3.5 – FILM_CATEGORY

10 -- 3.6 – CUSTOMER

11 -- 3.7 – STAFF

12 -- 3.8 – ACTOR

13 -- 3.9 – FILM

14 -- 3.10 – CATEGORY

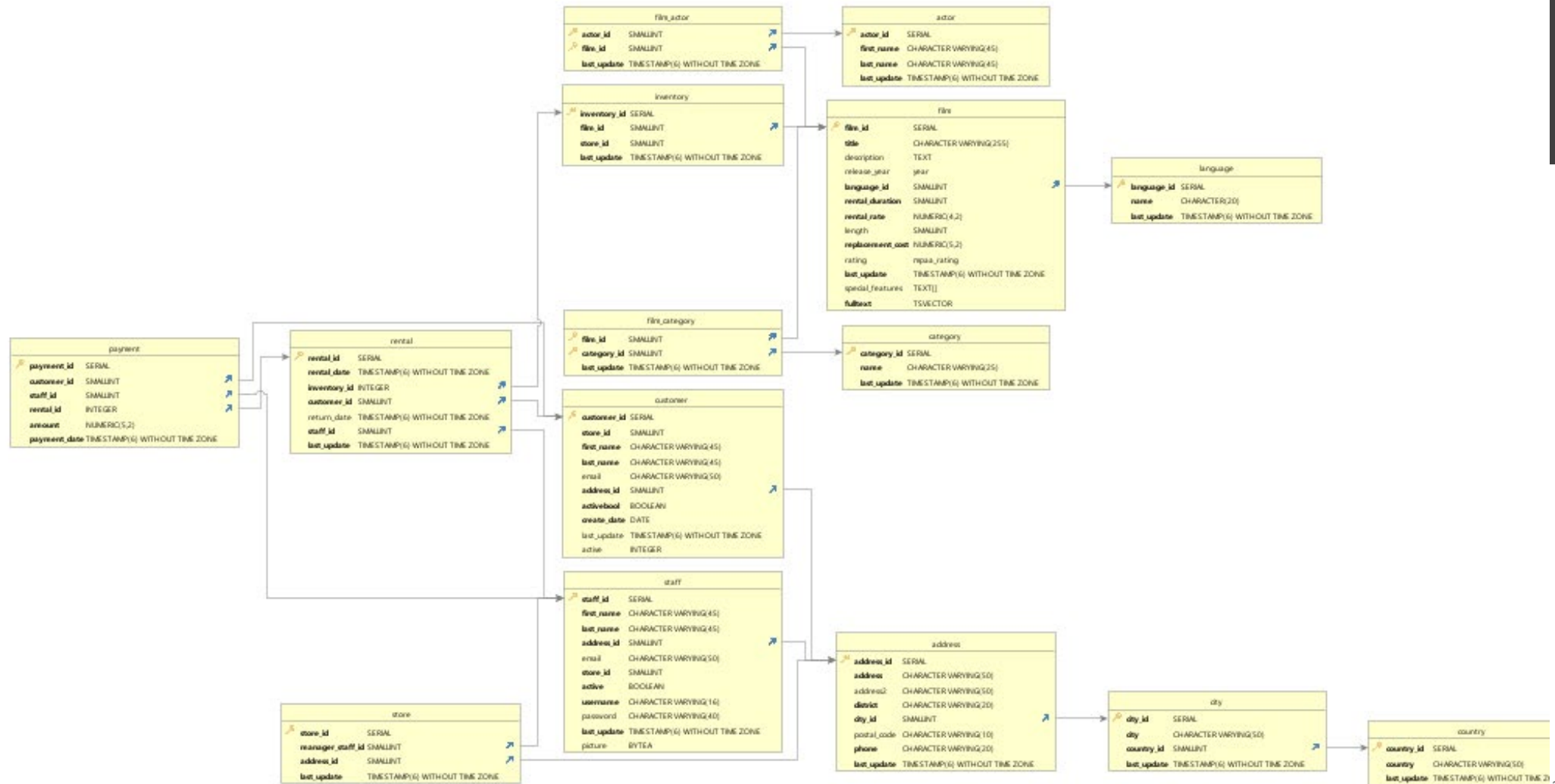
15 -- 3.11 – ADDRESS

16 -- 3.12 – LANGUAGE

17 -- 3.13 – CITY



18 -- 3.14 – COUNTRY

ENTITY RELATIONSHIP DIAGRAM




Fact Table

LEGEND



-  - Primary Key
-  - Foreign Key

2.1 – rental


Keys	Column	Data Type	Description	Links To	Links From
	rental_id	SERIAL	Rental identification number		Payment
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of Rental		
	inventory_id	INTEGER	Inventory identification number	Inventory	
	customer_id	SMALLINT	Customer identification number	Customer	
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date the rental was returned		
	staff_id	SMALLINT	Staff identification number	Staff	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND


-  - Primary Key
-  - Foreign Key

3.1 – payment


Keys	Column	Data Type	Description	Links To	Links From
	Payment_id	SERIAL	Payment identification number		
	Customer_id	SMALLINT	Customer identification number	Customer	
	Staff_id	SMALLINT	Staff identification number	Staff	
	Rental_id	INTEGER	Rental identification number	Rental	
	Amount	NUMERIC(5,2)	Amount paid (including cents)		
	Payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND


-  - Primary Key
-  - Foreign Key

3.2 – store



Keys	Column	Data Type	Description	Links To	Links From
	Store_id	SERIAL	Store identification number		
	Manager_staff_id	SMALLINT	Staff manager identification number	Staff	
	Address_id	SMALLINT	Store address identification number	Address	
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND


-  - Primary Key
-  - Foreign Key

3.3 – film_actor


Keys	Column	Data Type	Description	Links To	Links From
	Actor_id	SERIAL	Actor identification number	Actor	
	Film_id	SMALLINT	Film identification number	Film	
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND


-  - Primary Key
-  - Foreign Key

3.4 – inventory



Keys	Column	Data Type	Description	Links To	Links From
	Inventory_id	SERIAL	Inventory identification number		Rental
	Film_id	SMALLINT	Film identification number	Film	
	Store_id	SMALLINT	Store identification number		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND



-  - Primary Key
-  - Foreign Key

3.5 – film_category


Keys	Column	Data Type	Description	Links To	Links From
	Film_id	SMALLINT	Film identification number	Film	
	Category_id	SMALLINT	Film category identification number	Category	
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND



-  - Primary Key
-  - Foreign Key

3.6 – customer


Keys	Column	Data Type	Description	Links To	Links From
	Customer_id	SERIAL	Customer identification number		Payment
	Store_id	SMALLINT	Store identification number		
	First_name	CHARACTER VARYING(45)	First name of the customer		
	Last_name	CHARACTER VARYING(45)	Last name of the customer		
	Email	CHARACTER VARYING(50)	Email address of the customer		
	Address_id	SMALLINT	Address of the customer	Address	
	Activebool	BOOLEAN	Is the customer still active?		
	Create_date	DATE	Date the customer account was created		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		
	active	INTEGER	Is the customer still active?		

Dimension Tables

LEGEND



-  - Primary Key
-  - Foreign Key

3.7 – staff


Keys	Column	Data Type	Description	Links To	Links From
	staff_id	SERIAL	Staff identification number		Payment
	First_name	CHARACTER VARYING(45)	First name of the Staff Member		
	Last_name	CHARACTER VARYING(45)	Last name of the Staff Member		
	Address_id	SMALLINT	Staff address identification number	Address	
	Email	CHARACTER VARYING(50)	Staff Member email address		
	Store_id	SMALLINT	Store identification number		
	Active	BOOLEAN	Is the Staff Member active?		
	Username	CHARACTER VARYING(16)	Staff Member Username		
	Password	CHARACTER VARYING(40)	Staff Member Password		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		
	picture	BYTEA	Employee's Picture		

Dimension Tables

LEGEND



-  - Primary Key
-  - Foreign Key

3.8 – actor


Keys	Column	Data Type	Description	Links To	Links From
	Actor_id	SERIAL	Actor identification number		Film_actor
	First_name	CHARACTER VARYING(45)	First name of the actor		
	Last_name	CHARACTER VARYING(45)	Last name of the actor		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND

-  - Primary Key
-  - Foreign Key

3.9 – film


Keys	Column	Data Type	Description	Links To	Links From
	Film_id	SERIAL	Film identification number		Inventory
	Title	CHARACTER VARYING(255)	Film Title		
	Description	TEXT	Description of the film		
	Release_year	YEAR	Year the film was released		
	Language_id	SMALLINT	Languages the film is in	Language	
	Rental_duration	SMALLINT	Length of the rental duration		
	Rental_rate	NUMERIC(4,2)	Price of the rental		
	Length	SMALLINT	Movie length		
	Replacement_cost	NUMERIC(5,2)	Cost of replacing the movie		
	Rating	MPAA_RATING	Movie rating		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		
	Special_features	TEXT	Any special features included		
	fulltext	TSVECTOR	Specific words associated with the film		13

Dimension Tables

LEGEND



-  - Primary Key
-  - Foreign Key

3.10 – category


Keys	Column	Data Type	Description	Links To	Links From
	Category_id	SERIAL	Movie category identification number		Film_category
	Name	CHARACTER VARYING(25)	Name of the movie category		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND


-  - Primary Key
-  - Foreign Key

3.11 - address


Keys	Column	Data Type	Description	Links To	Links From
	Address_id	SERIAL	Address identification number		Store Customer
	Address	CHARACTER VARYING(50)	Address		
	Address2	CHARACTER VARYING(50)	Additional address space		
	District	CHARACTER VARYING(20)	District of the address		
	City_id	SMALLINT	City identification number	City	
	Postal_code	CHARACTER VARYING(10)	Postal code of the address		
	Phone	CHARACTER VARYING(20)	Phone number associated with the address		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND


-  - Primary Key
-  - Foreign Key

3.12 - language


Keys	Column	Data Type	Description	Links To	Links From
	Language_id	SERIAL	Language identification number		Film
	Name	CHARACTER(20)	Name of the language		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND

-  - Primary Key
-  - Foreign Key

3.13 - city


Keys	Column	Data Type	Description	Links To	Links From
	City_id	SERIAL	City identification number		Address
	City	CHARACTER VARYING(50)	City		
	Country_id	SMALLINT	Country identification number	Country	
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		

Dimension Tables

LEGEND

-  - Primary Key
-  - Foreign Key

3.14 - country

Keys	Column	Data Type	Description	Links To	Links From
	Country_id	SERIAL	Country identification number		City
	Country	CHARACTER VARYING(50)	Country		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date this entry was last updated		