Data Dictionary

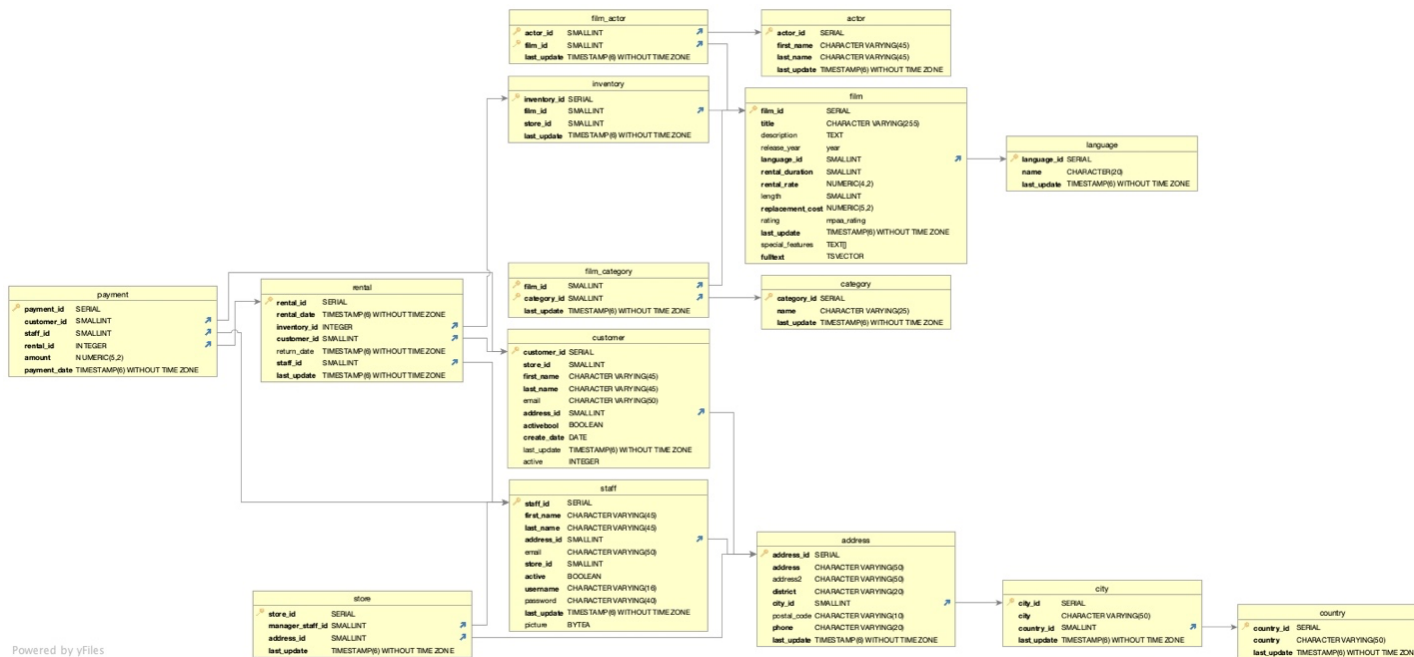## Rockbuster Stealth, LLC

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Contents:

1) Entity Relationship Diagram

2) Fact & Dimension Tables

Fact Table
2.1

Table	Row	Data Type	Description
Rental	Rental_id	Serial	Rental id number
	Rental_date	Timestamp(6)	Rental date & time (no time zone)
	Inventory_id	Integer	Inventory id number
	Customer_id	Smallint	Customer id number
	Return_date	Timestamp(6)	Return date & time (no time zone)
	Staff_id	Smallint	Staff id
	Last_update	Timestamp(6)	Last update date & time (no time zone)

Dimension Tables
2.2

Table	Row	Data Type	Description
Payment	Payment_id	Serial	Payment id number
	Customer_id	Smallint	Customer id number
	Staff_id	Smallint	Staff id number
	Rental_id	Integer	Rental id number
	Amount	Numeric(5,2)	Currency value (USD)
	Payment_date	Timestamp(6)	Payment date & time (no time zone)

2.3

Table	Row	Data Type	Description
Inventory	Inventory_id	Serial	Inventory id number
	Film_id	Smallint	Film id number
	Store_id	Smallint	Store id number
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.4

Table	Row	Data Type	Description
Store	Store_id	Serial	Store id number
	Manager_Staff_id	Smallint	Manager id number
	Address_id	Smallint	Address id number
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.5

Table	Row	Data Type	Description
Film_category	Film_id	Smallint	Film id number
	Category_id	Smallint	Category id number
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.6

Table	Row	Data Type	Description
Film_actor	Actor_id	Smallint	Actor id
	Film_id	Smallint	Film id number
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.7

Table	Row	Data Type	Description
Customer	Customer_id	Serial	Customer id number
	Store_id	Smallint	Store id number
	First_name	Character varying(45)	First name
	Last_name	Character varying(45)	Last name
	Email	Character varying(45)	Email address
	Address_id	Smallint	Address id number
	Activebool	Boolean	Customer active or nonactive
	Create_date	Date	Created date & time (no time zone)
	Last_update	Timestamp(6)	Last update date & time (no time zone)
	Active	Integer	Active

2.8

Table	Row	Data Type	Description
Staff	Staff_id	Serial	Staff id number
	First_name	Character varying(45)	First name
	Last_name	Character varying(45)	Last name
	Email	Character varying(45)	Email address
	Address_id	Smallint	Address id number
	Store_id	Smallint	Store id number
	Active	Boolean	Staff member active or nonactive
	Username	Character varying(16)	Username
	Password	Character varying(40)	Password
	Last_update	Timestamp(6)	Last update date & time (no time zone)
	Picture	Bytea	Photo of staff member

2.9

Table	Row	Data Type	Description
Actor	Actor_id	Serial	Actor id number
	First_name	Character varying(45)	First name
	Last_name	Character varying(45)	Last name
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.10

Table	Row	Data Type	Description
Film	Film_id	Serial	Film id number
	Title	Character varying(255)	Film title
	Description	Text	Film description
	Release_year	Year	Film release year
	Language_id	Smallint	Language id number
	Rental_duration	Smallint	Length of rental (days)
	Rental_rate	Numeric(5,2)	Rental rate (USD)
	Length	Smallint	Film length
	Replacement	Numeric(5,2)	Cost to replace film (USD)
	Rating	MMPA_rating	MMPA film rating
	Last_update	Timestamp(6)	Last update date & time (no time zone)
	Special_features	Text	Special features of the film
	Fulltext	Tsvector	Full text

2.11

Table	Row	Data Type	Description
Language	Language_id	Serial	Language id number
	Name	Character varying(20)	Language name
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.12

Table	Row	Data Type	Description
Category	Category_id	Serial	Category id number
	Name	Character varying(25)	Category name
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.13

Table	Row	Data Type	Description
Address	Address_id	Serial	Address id number
	Address	Character varying(25)	Main address
	Address2	Character varying(25)	Second address
	District	Character varying(20)	District name
	City_id	Smallint	City id number
	Postal_code	Character varying(10)	Postal code number
	Phone	Character varying(20)	Phone number
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.14

Table	Row	Data Type	Description
City	City_id	Serial	City id number
	City	Character varying(50)	City name
	Country_id	Smallint	Country id number
	Last_update	Timestamp(6)	Last update date & time (no time zone)

2.15

Table	Row	Data Type	Description
Country	Country_id	Smallint	Country id number
	Country	Character varying(50)	Country name
	Last_update	Timestamp(6)	Last update date & time (no time zone)

3) Primary and Foreign Key Diagram

Table	Actor	Address	Category	City	Country	Customer	Film	Film_actor	Film_category	Inventory	Language	Payment	Rental	Staff	Store
Actor	actor_id														
Address		address_id		city_id											
Category			category_id												
City				city_id	country_id										
Country					country_id										
Customer		address_id				customer_id									
Film							film_id				language_id				
Film_actor	actor_id		category_id				film_id	actor_id & film_id							
Film_category							film_id		film_id & category_id						
Inventory							film_id			inventory_id					
Language											language_id				
Payment						customer_id						payment_id	rental_id	staff_id	
Rental						customer_id				inventory_id			rental_id	staff_id	
Staff		address_id												staff_id	
Store		address_id													store_id