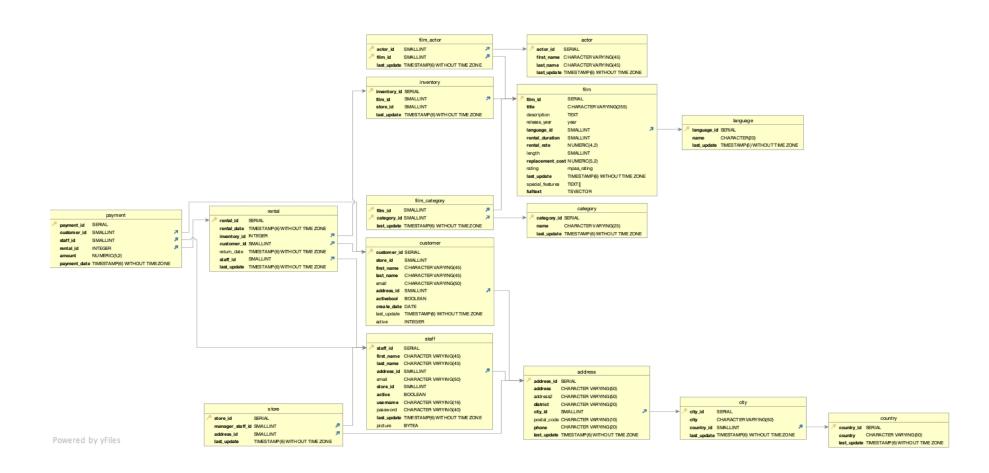
Rockbuster Stealth Data Dictionary

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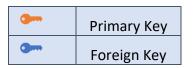
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1. Rockbuster Entity Relationship Diagram (ERD)



2. Tables

2.1 Key



2.2 Fact Tables

2.2.1 Table. Fact. Rental

				Links	
Key	Rental	Data Type	Brief Description	From	Links To
3	rental_id	serial	number to represent rental	payment	
		timestamp (6) without			
	rental_date	timezone	date and time that rental was made		
3	inventory_id	integer	number to represent the videos inventory		inventory
3	customer_id	smallint	number to represent customer		customer
		timestamp (6) without			
	return_date	timezone	date and time that rental was returned		
3	staff_id	smallint	number to represent staff member		staff
		timestamp (6) without			
	last_update	timezone	date and time of the last update		

2.3 Dimension Tables

2.3.1 Table. Dimension. Actor

Key	actor	Data Type	Brief Description	Links From	Links To
	actor_id	serial	number to represent actors name	film_actor	
	first_name	character varying (45)	first name of actor		
	last_name	character varying (45)	last name of actor		
		timestamp (6) without			
	last_update	timezone	date and time of the last update		

2.3.2 Table. Dimension. Address

Key	address	Data Type	Brief Description	Links From	Links To
				customer,	
	address_id	serial	number to represent store address	staff, store	
	address	character varying (50)	postal address of store		
	address2	character varying (50)	postal address of store		
	district	character varying (20)	postal address of store		
3	city_id	smallint	city		city
	postal_code	character varying (10)	postal code		
	phone	character varying (20)	phone number		
		timestamp (6) without			
	last_update	timezone	date and time of the last update		

2.3.3 Table. Dimension. Category

Key	category	Data Type	Brief Description	Links From	Links To
	category_id	serial	number to represent film category	film_category	
	name	character varying (25)	name of film category		
	last_update	timestamp (6) without timezone	date and time of the last update		

2.3.4 Table. Dimension. City

Key	city	Data Type	Brief Description	Links From	Links To
3	city_id	serial	number to represent city	address	
	city	character varying (50)	city name		
3	country_id	smallint	number to represent country		country
		timestamp (6) without			
	last_update	timezone	date and time of the last update		

2.3.5 Table. Dimension. Country

Key	country	Data Type	Brief Description	Links From	Links To
••••	country_id	serial	number to represent country	city	
	country	character varying (50)	country name		
		timestamp (6) without			
	last_update	timezone	date and time of the last update		

2.3.6 Table. Dimension. Customer

Key	customer	Data Type	Brief Description	Links From	Links To
				payment,	
3	customer_id	serial	number to represent customer	rental	
	store_id	smallint	number to represent the store location		
	first_name	character varying (45)	first name of customer		
	last_name	character varying (45)	last name of customer		
	email	character varying (50)	email of customer		
3	address_id	smallint	number to represent customers address		address
	activebool	boolean	status whether customer is active or not		
	create_data	date	creation date		
		timestamp (6) without			
	last_update	timezone	date and time of the last update		
	active	integer	status of customer		

2.3.7 Table. Dimension. Film

Key	film	Data Type	Brief Description	Links From	Links To
				film_actor,	
				inventory,	
3	film_id	serial	number to represent film	film_category	
	title	character varying (255)	title name		
	description	text	description of film		
	release_year	year	date that the film was released		
			number to represent what language film is		
3	language_id	smallint	in		language
	rental_duration	smallint	how long was the rental out for		
	rental_rate	numeric (4,2)	what was the cost of the rental		
	length	smallint	length of the film		
			how much it costs to replace lost or		
	replacement_cost	numeric (4,2)	damaged film		
	rating	mpaa_rating	what rating the customer gave the film		
		timestamp (6) without			
	last_update	timezone	date and time of the last update		
	special_features	text	if there are any special features available		
	full_text	tsvector	key words		

2.3.8 Table. Dimension. Film_Actor

Key	film_actor	Data Type	Brief Description	Links From	Links To
3 m	actor_id	smallint	number to represent actors name		actor
3	film_id	smallint	number to represent film title		film
		timestamp (6) without			
	last_update	timezone	date and time of last update		

2.3.9 Table. Dimension. Film_Category

Key	film_category	Data Type	Brief Description	Links From	Links To
3 m	film_id	smallint	number to represent film title		film
••••	category_id	smallint	number to represent film category		category
		timestamp (6) without			
	last_update	timezone	date and time of last update		

2.3.10 Table. Dimension. Inventory

Key	inventory	Data Type	Brief Description	Links From	Links To
3	inventory_id	serial	number to represent the videos inventory	rental	
9	film_id	smallint	number to represent film		film
	store_id	smallint	number to represent the store location		
	_	timestamp (6) without			
	last_update	timezone	date and time of the last update		

2.3.11Table. Dimension. Language

Key	language	Data Type	Brief Description	Links From	Links To
•	language_id	serial	number to represent what language film is in	film	
	name	character (20)	name of the language		
		timestamp (6) without			
	last_update	timezone	date and time of the last update		

2.3.12Table. Dimension. Payment

Key	Payment	Data Type	Brief Description	Links From	Links To
••••	payment_id	serial	numer to represent payment		
3	customer_id	smallint	number to represent customer		customer
3	staff_id	smallint	number to represent staff		staff
••••	rental_id	integer	number to represent rental		rental
	amount	numeric (5,2)	how much the video cost		
		timestamp (6) without			
	payment_date	timezone	date and time that payment was made		

2.3.13 Table. Dimension. Staff

Key	staff	Data Type	Brief Description	Links From	Links To
				rental,	
				payment,	
3	staff_id	serial	number to represent staff member	store	
	first_name	character varying (45)	first name of staff		
	last_name	character varying (45)	last name of staff		
3	address_id	smallint	address of staff member		address
	email	character varying (50)	email of staff member		
	store_id	smallint	number to represent the store location		
	active	boolean	status whether staff member is active or not		
	username	character varying (16)	username of staff member		
	password	character varying (40)	password of staff member		
		timestamp (6) without			
	last_update	timezone	date and time of the last update		
	picture	bytea	photo of staff member		

2.3.14 Table. Dimension. Store

Key	store	Data Type	Brief Description	Links From	Links To
	store_id	serial	number to represent store location		
3	manager_staff_id	smallint	number to represent the managers name		staff
3	address_id	smallint	number to represent store location address		address
		timestamp (6) without			
	last_update	timezone	date and time of last update		