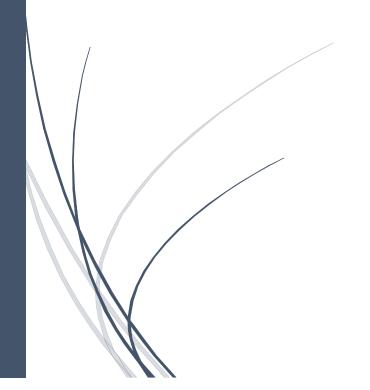
Rockbuster Data Dictionary

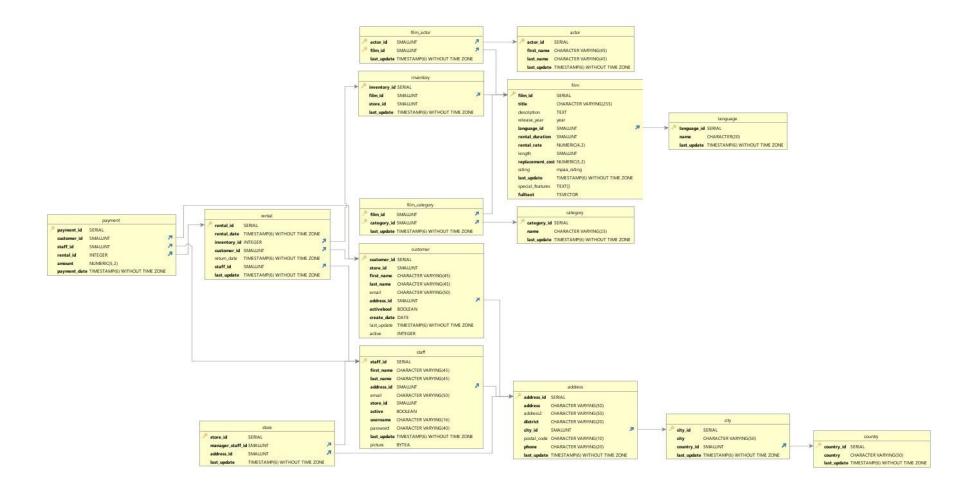
Maya Kirkby



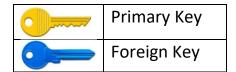
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Entity Relationship Diagram (ERD)



<u>Legend</u>



Fact Tables

Rental	Rental					
Key	Column	Data Type	Description	Links With		
	rental_id	SERIAL	Number assigned to rental	Payment		
	rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of rental			
	inventory_id	INTEGER	Number assigned to item	Inventory		
	customer_id	SMALLINT	Number assigned to customer	Customer		
	return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date rental was returned	Staff		
	staff_id	SMALLINT	Number assigned to employee checking out customer			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Payment				
Key	Column	Data Type	Description	Links With
	payment_id	SERIAL	Number assigned to payment	
	customer_id	SMALLINT	Number assigned to customer	Customer
	staff_id	SMALLINT	Number assigned to employee checking out customer	Staff
	rental_id	INTEGER	Number assigned to rental	Rental
	amount	NUMERIC(5,2)	Amount paid	
	payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment	

Dimension Tables

Store					
Key	Column	Data Type	Description	Links With	
	store_id	SERIAL	Number assigned to store		
	manager_staff_id	SMALLINT	Number assigned to store manager		
	address_id	SMALLINT	Number assigned to store address	Address	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated		

Film_actor					
Кеу	Column	Data Type	Description	Links With	
	actor_id	SMALLINT	Number assigned to actor	Actor	
	film_id	SMALLINT	Number assigned to film	Film	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated		

Inventory					
Key	Column	Data Type	Description	Links With	
	inventory_id	SERIAL	Number assigned to item	Rental	
	film_id	SMALLINT	Number assigned to film	Film	
	store_id	SMALLINT	Number assigned to store		
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated		

Film_category					
Key	Column	Data Type	Description	Links With	
	film_id	SMALLINT	Number assigned to film	Film_actor Film	
	category_id	SMALLINT	Number assigned to genre	Category	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated		

Customer				
Key	Column	Data Type	Description	Links With
	customer_id	SERIAL	Number assigned to	Rental
			customer	Payment
	store_id	SMALLINT	Number assigned to	
			store	
	first_name	CHARACTERVARYING(45)	First name of customer	
	last_name	CHARACTERVARYING(45)	Last name of customer	
	email	CHARACTERVARYING(50)	E-mail address of	
			customer	
	address_id	SMALLINT	Number assigned to	Address
			customer's address	
	activebool	BOOLEAN	Is customer active?	
	create_date	DATE	Date entry was created	
	last_update	TIMESTAMP(6) WITHOUT	Date entry was last	
		TIMEZONE	updated	
	active	INTEGER	Is customer active?	

Staff					
Key	Column	Data Type	Description	Links With	
	staff_id	SERIAL	Number assigned to employee	Payment Store Rental	
	first_name	CHARACTERVARYING(45)	First name of employee		
	last_name	CHARACTERVARYING(45)	Last name of employee		
	address_id	SMALLINT	Number assigned to employee's address	Address	
	email	CHARACTERVARYING(50)	E-mail address of employee		
	store_id	SMALLINT	Number assigned to store		
	active	BOOLEAN	Is employee active?		
	username	CHARACTERVARYING(16)	Username of employee		
	password	CHARACTERVARYING(40)	Password of employee		
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated		
	picture	BYTEA	Picture of employee		

Actor						
Key	Column	Data Type	Description	Links With		
	actor_id	SERIAL	Number assigned to actor	Film_actor		
	first_name	CHARACTERVARYING(45)	First name of actor			
	last_name	CHARACTERVARYING(45)	Last name of actor			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Film					
Key	Column	Data Type	Description	Links With	
	film_id	SERIAL	Number assigned to film	Film_actor Inventory Film_category	
	title	CHARACTERVARYING(255)	Title of film		
	description	TEXT	Description of film		
	release_year	year	Release year of film		
	language_id	SMALLINT	Number assigned to language of film	Language	
	rental_duration	SMALLINT	Length of film rental		
	rental_rate	NUMERIC(4,2)	Price of film rental		
	length	SMALLINT	Length of film		
	replacement_cost	NUMERIC(5,2)	Cost to replace film		
	rating	mpaa_rating	Film rating		
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated		
	special_features	TEXT[]	Special features included with film		
	fulltext	TSVECTOR	Keywords associated with film		

Category						
Key	Column	Data Type	Description	Links With		
	category_id	SERIAL	Number assigned to genre	Film_category		
	name	CHARACTERVARYING(25)	Name of genre			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Address				
Key	Column	Data Type	Description	Links With
	address_id	SERIAL	Number assigned to address	Customer Staff Store
	address	CHARACTERVARYING(50)	Street address	
	address2	CHARACTERVARYING(50)	Supplemental street address	
	district	CHARACTERVARYING(20)	District	
	city_id	SMALLINT	Number assigned to city	City
	postal_code	CHARACTERVARYING(10)	Postal code	
	phone	CHARACTERVARYING(20)	Phone number	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	

Language				
Key	Column	Data Type	Description	Links With
	language_id	SERIAL	Number assigned to language	Film
	name	CHARACTER(20)	Name of language	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	

City					
Key	Column	Data Type	Description	Links With	
	city_id	SERIAL	Number assigned to city	Address	
	city	CHARACTERVARYING(50)	Name of city		
	country_id	SMALLINT	Number assigned to country	Country	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated		

Country				
Key	Column	Data Type	Description	Links With
	country_id	SERIAL	Number assigned to country	City
	country	CHARACTERVARYING(50)	Name of country	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	