

Rockbuster Stealth, LLC

Data Dictionary



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Rockbuster Stealth Database Entity Relationship Diagram



Fact Tables:

Key	Table	Column	Data Type	Description	Links to/from	Linked Tables
Primary	Film	Film_id	Integer	Film id number	From	Inventory
					From	Film_actor
					From	Film_category
	Film	Title	Nvarchar(2550)	Film name		
	Film	Description	Nvarchar(Max)	Description of film		
	Film	Release_year	Date	Year film released		
Foreign	Film	Language_id	Integer	Film language id number	To	language
	Film	Rental_duration	Integer	Days film rented		
	Film	Rental_rate	Numeric	Rental film price		
	Film	Length	Integer	Film time length(min)		
	Film	Replacement_cost	Numeric	Rental film replacement cost		
	Film	Rating	Nvarchar(max)	Film rating (PG, R,etc.)		
	Film	Last_update	Datetime	Last update of film		
	Film	Special_features	Nvarchar(max)	Film special features		
	Film	Fulltext	Nvarchar(max)	Fulltext of film key words		

Key	Table	Column	Data Type	Description	Links to/from	Linked Tables
Primary	Payment	Payment_id	Integer	Payment id number		
Foreign	Payment	Customer_id	Integer	Customer id number	To To	Rental customer
Foreign	Payment	Staff_id	Integer	Staff id number	To	staff
Foreign	Payment	Rental_id	Integer	Rental id number	To	Rental
	Payment	Amount	Numeric	Film payment amount		
	Payment	Payment_date	Datetime	Film payment date		

Key	Table	Column	Data Type	Description	Links to/from	Linked Tables
Primary	Rental	Rental_id	Integer	Film rental id number	From	Payment
	Rental	Rental_date	Datetime	Film rental date		
Foreign	Rental	Inventory_id	Integer	Inventory id number	To	inventory
Foreign	Rental	Customer_id	Integer	Customer id number	To	customer
	Rental	Return_date	Datetime	Film rental return date		
Foreign	Rental	Staff_id	Integer	Staff id number	To	Staff
	Rental	Last_update	Datetime	Rental last update		

Key	Table	Column	Data Types	Description	Links to/from	Linked Table
Primary	Customer	Customer_id	Integer	Customer id number	From	Payment
Foreign	Customer	Store_id	Integer	Store id number	To	Store
	Customer	First_name	Nvarchar(45)	Customer first name		
	Customer	Last_name	Nvarchar(45)	Customer last name		
	Customer	Email	Nvarchar(50)	Customer email address		
Foreign	Customer	Address_id	Integer	Customer address id number	To	address
	Customer	Activebool	Boolean	Customer active status		
	Customer	Create_date	Datetime	Customer added in date		
	Customer	Last_date	Datetime	Customer update		
	Customer	Active	Integer	Customer active(1)		

Dimension Tables:

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	actor	actor_id	Integer	id number of actor	From	Film_actor
	actor	first_name	Nvarchar(45)	First name of actor		
	Actor	Last_name	Nvarchar(45)	Last name of actor		
	Actor	Last_update	Datetime	Last update of actor in film		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	Address	Address_id	Integer	Id number of address	From	customer
	Address	Address	Nvarchar(50)	Customer address		
	Address	Address2	Nvarchar(50)	Secondary address		
	Address	District	Nvarchar(20)	Customer district location		
Foreign	Address	City_id	Integer	City id number	To	City
	Address	Postal_code	Nvarchar(10)	Zip code of address		
	Address	Phone	Nvarchar(10)	Customer phone number		
	Address	Last_update	Datetime	Last update of address		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	Category	Category_id	Integer	Film category id number	From	Film_category
	Category	Name	Nvarchar(25)	Film category name		
	Category	Last_update	Datetime	Last update of film category		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	City	City_id	Integer	City id number	From	address
	City	City	Nvarchar(50)	City name		
Foreign	City	Country_id	Integer	Country id number	To	Country
	City	Last_update	Datetime	Last update of city		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	Country	Country_id	Integer	Country id number		
	Country	Country	Nvarchar(50)	Country name		
	Country	Last_update	Datetime	Last update of country		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Foreign	Film_actor	Actor_id	Integer	Film actor id number	To	actor
Foreign	Film_actor	Film_id	Integer	Film id number	To	film
	Film_actor	Last_update	Datetime	Film actor last updated		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Foreign	Film_category	Film_id	Integer	Film id number	To	Film
Foreign	Film_category	Category_id	Integer	Film category id number	To	category
	Film_category	Last_update	Datetime	Film category last update		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	Inventory	Inventory_id	Integer	Inventory id number	From	Rental
Foreign	Inventory	Film_id	Integer	Film id number	To	Film
Foreign	Inventory	Store_id	Integer	Store id number	To	Store
	Inventory	Last_update	Datetime	Inventory last update		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	Language	Language_id	Integer	Film language id number	From	Film
	Language	Name	Nvarchar(small)	Film language name		
	Language	Last_update	Datetime	Language last update		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	Staff	Staff_id	Integer	Staff id number		
	Staff	First_name	Nvarchar(45)	Staff first name		
	Staff	Last_name	Nvarchar(45)	Staff last name		
Foreign	Staff	Address_id	Integer	Staff address id number	To To	Address Customer
	Staff	Email	Nvarchar(50)	Staff email address		
Foreign	Staff	Store_id	Integer	Staff store id number	To	store
	Staff	Active	Boolean	Staff active status		
	Staff	Username	Nvarchar(16)	Staff username		
	Staff	Password	Nvarchar(40)	Staff password		
	Staff	Last_update	Datetime	Staff last update		
	Staff	Picture	Bytea	Staff picture		

Key	Table Name	Column	Data Type	Description	Links to/from	Linked Table
Primary	Store	Store_id	Integer	Store id number	From	staff
Primary	Store	Manager_staff_id	Integer	Manager staff id number		
Foreign	Store	Address_id	Integer	Address id number	To To	Address Customer
	Store	Last_update	Datetime	Store last update		