

ROCKBUSTER STEALTH:DATA DICTIONARY

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CAREER FOUNDRY Data Immersion Exercise 3.10

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Rockbuster Database ERD:



Fact Tables:

Actor

Actor			
Key	Column	Data Type	Description
Primary	Actor_id	Serial	Unique number of actor
	First_name	Character varying (45)	First name of actor
	Last_name	Character varying (45)	Last name of actor
	Last_update	Timestamp(6) without time zone	Date/time of last update

Address

Address			
Key	Column	Data Type	Description
Primary	Address_id	Serial	Unique number of address
	Address	Character varying (50)	Address details
	Address2	Character varying (50)	Address details
	District	Character varying (20)	District name
Foreign	City_id	Small int	Unique number of city
	Postal_code	Character varying (10)	Postal code number

	Phone	Character varying (20)	Phone number
	Last_update	Timestamp(6) without time zone	Date/time of last update

Category

Category			
Key	Column	Data Type	Description
Primary	Category_id	Serial	Unique number of category
	Name	Character varying (25)	Category name
	Last_update	Timestamp(6) without time zone	Date/time of last update

City

City			
Key	Column	Data Type	Description
Primary	City_id	Serial	Unique number of city
	City	Character varying (50)	City name
Foreign	Country_id	Serial	Unique number of country
	Last_update	Timestamp(6) without time zone	Date/time of last update

Country

Country			
Key	Column	Data Type	Description
Primary	Country_id	Serial	Unique number of country
	Country	Character varying (50)	Country name
	Last_update	Timestamp(6) without time zone	Date/time of last update

Customer

Customer			
Key	Column	Data Type	Description
Primary	Customer_id	Serial	Unique number of customer
Foreign	Store_id	Small int	Unique number of store
	First_name	Character varying (45)	First name of customer
	Last_name	Character varying (45)	Last name of customer
	Email	Character varying (50)	Email address of customer
Foreign	Address_id	Small int	Unique number of address
	Activebool	Boolean	Active true/false

	Create_date	Date	Date of creation
	Last_update	Timestamp(6) without time zone	Date/time of last update
	Active	Integer	Customer account is/is not active

Film

Film			
Key	Column	Data Type	Description
Primary	Film_id	Serial	Unique number of film
	Title	Character varying (255)	Film title
	Description	Text	Film description
	Release_year	Year	Film release year
Foreign	Language_id	Small int	Unique number of movie language
	Rental_duration	Small int	How long the movie is rented for
	Rental_rate	Numeric (4,2)	Rating given to movie by customer
	Length	Small int	Length of movie

	Replacement_cost	Numeric (5,2)	Cost to replace movie
	Rating	MPAA_Rating	Age groups that can watch movie
	Last_update	Timestamp(6) without time zone	Date/time of last update
	Special_features	Text[]	Special features of movie
	Fulltext	Tvsector	Movie text (closed captions?)

Film Actor

Film_actor			
Key	Column	Data Type	Description
Primary	Actor_id	Serial	Unique number of actor
Foreign	Film_id	integer	Unique number of film
	Last_update	Timestamp(6) without time zone	Date/time of last update

Film Category

Film_category			
Key	Column	Data Type	Description

Primary/Foreign	Film_id	Small int	Unique number of film
Primary/Foreign	Category_id	Small int	Unique number of category
	Last_update	Timestamp(6) without time zone	Date/time of last update

Inventory

Inventory			
Key	Column	Data Type	Description
Primary	Inventory_id	Serial	Unique number of inventory
Foreign	Film_id	Small int	Unique number of film
Foreign	Store_id	Small int	Unique number of store
	Last_update	Timestamp(6) without time zone	Date/time of last update

Language

Language			
Key	Column	Data Type	Description
Primary	Language_id	Serial	Unique number of language
	Name	Character (20)	Name of language
	Last_update	Timestamp(6) without time zone	Date/time of last update

Payment

Payment			
Key	Column	Data Type	Description
Primary	Payment_id	Serial	Unique number of payment
Foreign	Customer_id	Small int	Unique number of customer
Foreign	Staff_id	Small int	Unique number of staff member
Foreign	Rental_id	Integer	Unique number of rental
	Amount	Numeric (5,2)	Price of rental
	Payment_date	Timestamp(6) without time zone	Date of payment

Rental

Rental			
Key	Column	Data Type	Description
Primary	Rental_id	Serial	Unique number of rental
Foreign	Inventory_id	Timestamp(6) without time zone	Unique number of inventory
Foreign	Customer_id	Small int	Unique number of customer

	Return_date	Timestamp(6) without time zone	Date movie was returned
Foreign	Staff_id	Small int	Unique number of staff member
	Last_update	Timestamp(6) without time zone	Date/time of last update

Staff

Staff			
Key	Column	Data Type	Description
Primary	Staff_id	Serial	Unique number of staff member
	First_name	Character varying (45)	Staff member's first name
	Last_name	Character varying (45)	Staff member's last name
Foreign	Address_id	Small int	Staff member's unique number of address
	Email	Character varying (50)	Staff member's email address
Foreign	Store_id	Small int	Unique number of store
	Active	Boolean	Staff account is/is not active
	Username	Character varying (16)	Staff member username

	Password	Character varying (40)	Staff member password
	Last_update	Timestamp(6) without time zone	Date/time of last update
	Picture	Bytea	Staff member profile picture

Store

Store			
Key	Column	Data Type	Description
Primary	Store_id	Serial	Unique number of store
Foreign	Manager_staff_id	Small int	Unique number of manager
Foreign	Address_id	Small int	Unique number of store address
	Last_update	Timestamp(6) without time zone	Date/time of last update