



DATA DICTIONARY

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ROCKBUSTER STEALTH | Launch Strategy



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FACT TABLES

Payment Table

Payment		
Column	Data Type	Description
Payment_id	Serial	Unique payment identifier
Customer_id	Small int	Unique customer identifier
Staff_id	Small int	Unique staff identifier
Rental_id	Integer	Unique rental identifier
Amount	Numeric (5,2)	Amount of payment
Payment Date	Timestamp (6) without time zone	Time and date of payment without time zone

Links to:

Table	Join	Description
Customer	payment.customer_id = customer.customer_id	Foreign key reference to the customer table
Staff	payment.staff_id = staff.staff_id	Foreign key reference to the staff table
Rental	payment.rental_id = rental.rental_id	Foreign key reference to the rental table

Links from:

Does not link from any other table

Unique keys:

Column	Key Type	Description
Payment_id	Primary key	Unique identifier for every payment
Customer_id	Foreign key	Primary key for customer table
Staff_id	Foreign key	Primary key for staff table
Rental_id	Foreign key	Primary key for rental table

Rental Table

rental		
Column	Data Type	Description
rental_id	Serial	Unique rental identifier
rental_date	Timestamp (6) without time zone	Time and date of rental without time zone
inventory_id	Integer	Unique inventory identifier
customer_id	Small int	Unique customer identifier
return_date	Timestamp (6) without time zone	Time and date of return without time zone
staff_id	Small int	Unique staff identifier
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Table	Join	Description
Inventory	Rental.inventory_id = inventory.inventory_id	Foreign key reference to the inventory table
Customer	Rental.customer_id = customer.customer_id	Foreign key reference to the customer table
Staff	rental.staff_id = staff.staff_id	Foreign key reference to the staff table

Links From:

Table	Join	Description
Payment	Rental.rental_id = payment.inventory_id	Foreign key reference to the payment table

Unique keys:

Column	Key type	Description
rental_id	Primary key	Unique identifier for every rental
inventory_id	Foreign key	Primary key for inventory table
customer_id	Foreign key	Primary key for customer table
staff_id	Foreign key	Primary key for staff table

DIMENSION TABLES

Actor Table

actor		
Column	Data Type	Description
actor_id	Small int	Unique actor identifier
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	Time and date of last update without time zone

Links to:

Does not link to any other table

Links from:

Table	Join	Description
Film_actor	Actor.actor_id = film_actor.actor_id	Foreign key reference to the film_actor table

Unique keys:

Column	Key Type	Description
actor_id	Primary key	Unique identifier for every actor

Address Table

Address		
Column	Data Type	Description
Address_id	Serial	Unique address identifier
Address	Character varying (50)	Address line 1
Address2	Character varying (50)	Address line 2
District	Character varying (20)	Address District
City_id	Small int	Unique city identifier
Postal_code	Character varying (10)	Postal code for address
Phone	Character varying (20)	Phone number for address
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Table	Join	Description
City	Address.city_id = city.city_id	Foreign key reference to the city table

Links from:

Table	Join	Description
Customer	address.address_id = customer.address_id	Foreign key reference to the customer table
Staff	address.address_id = staff.address_id	Foreign key reference to the staff table
Store	address.address_id = store.address_id	Foreign key reference to the store table

Unique keys:

Column	Key Type	Description
Address_id	Primary key	Unique identifier for every address
City_id	Foreign Key	Primary key for city table

Category Table

category		
Column	Data Type	Description
category_id	Serial	Unique category identifier
Name	Character varying (25)	Name of Category
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Does not link to any other table

Links from:

Table	Join	Description
Film_category	Category.category_id = Film_category.category_id	Foreign key reference to the Film_category table

Unique keys:

Column	Key Type	Description
category_id	Primary key	Unique identifier for every category

City Table

City		
Column	Data Type	Description
City_id	Serial	Unique city identifier
City	Character varying (50)	Name of City
Country_id	Character varying (20)	Unique country identifier
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Table	Join	Description
country	City.country_id = Country.country_id	Primary key reference to the Country table

Links from:

Table	Join	Description
address	City.city_id = address.city_id	Foreign key reference to the address table

Unique keys:

Column	Key Type	Description
City_id	Primary key	Unique identifier for every city
Country_id	Foreign Key	Primary key for country table

Country Table

Country		
Column	Data Type	Description
Country_id	Serial	Postal code for address
Country	Character varying (50)	Name of Country
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Does not link to any other table

Links from:

Table	Join	Description
City	Country.country_id = City.country_id	Foreign key reference to the city table

Unique keys:

Column	Key Type	Description
country_id	Primary key	Unique identifier for every country

Customer Table

customer		
Column	Data Type	Description
Customer_id	Small int	Unique customer identifier
store_id	Small int	Unique store identifier
First_name	Character Varying (45)	First name of customer
last_name	Character Varying (45)	Last name of customer
Email	Character varying (50)	Customer email address
Address_id	Small int	Unique identifier of address
Activebool	Boolean	Customer active status
Create_date	Date	Date customer was created
last_update	Timestamp (6) without time zone	Time and date of last update without time zone
Active	Integer	Active status (1 or 0)

Links to:

Table	Join	Description
address	Customer.address_id = address.address_id	Foreign key reference to the address table

Links from:

Table	Join	Description
Retanl	Customer.Customer_id = payment.Customer_id	Foreign key reference to the payment table
Retanl	Customer.Customer_id = rental.Customer_id	Foreign key reference to the rental table

Unique keys:

Column	Key Type	Description
customer_id	Primary key	Unique identifier for every customer
address_id	Foreign Key	Primary key for address table

Film Table

film		
Column	Data Type	Description
film_id	Serial	Unique film identifier
title	Character Varying (255)	Title of film
Release_year	Year	Release year of film
Language_id	Small int	Unique identifier of language
Rental_duration	Small int	Rental duration
Rental_rate	Numeric (4,2)	Rate of rental
Length	Small int	Length of film
Replacement_cost	Number (5,2)	Cost of film replacement
Rating	Mpaa_rating	Rating of film
last_update	Timestamp (6) without time zone	Time and date of last update without time zone
Special_features	Text[]	Special features
Fulltext	Tsvector	Film index; contains count of key words in description

Links to:

Table	Join	Description
Language	film.language_id = language.language_id	Foreign key reference to the language table

Links from:

Table	Join	Description
Film_actor	film.film_id = payment.Customer_id	Foreign key reference to the film_actor table
Inventory	film.film_id = inventory.film_id	Foreign key reference to the inventory table
Film_category	film.film_id = film_category_id	Foreign key reference to the category table

Unique keys:

Column	Key Type	Description
film_id	Primary key	Unique identifier for every film
Language_id	Foreign Key	Primary key for language table

Film_actor Table

Film_actor		
Column	Data Type	Description
actor_id	Small int	Unique actor identifier
film_id	Small int	Unique film identifier
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Table	Join	Description
actor	Film_actor.actor_id = actor.actor_id	Foreign key reference to the actor table
film	Film_actor.actor_id = actor.actor_id	Foreign key reference to the film table

Links from:

Does not from any other table

Unique keys:

Column	Key Type	Description
actor_id	Primary key	Unique identifier for every film_actor
film_id	Foreign Key	Primary key for film table

Film_category Table

Film_category		
Column	Data Type	Description
film_id	Small int	Unique film identifier
category_id	Small int	Unique category identifier
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Table	Join	Description
film	Film_category.film_id = film.film_id	Foreign key reference to the film table
category	Film_category.category_id = category.category_id	Foreign key reference to the category table

Links from:

Does not from any other table

Unique keys:

Column	Key Type	Description
film_id	Primary key	Unique identifier for every film_category
category_id	Foreign Key	Primary key for category table

Inventory Table

Inventory		
Column	Data Type	Description
inventory_id	serial	Unique inventory identifier
film_id	Small int	Unique film identifier
store_id	Small int	Unique store identifier
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Table	Join	Description
film	Inventory.film_id = film.film_id	Foreign key reference to the film table

Links from:

Table	Join	Description
Rental	Inventory.inventory_id = rental.inventory_id	Foreign key reference to the Rental table

Unique keys:

Column	Key Type	Description
inventory_id	Primary key	Unique identifier for every inventory
film_id	Foreign Key	Primary key for film table

Language Table

language		
Column	Data Type	Description
language_id	serial	Unique language identifier
Name	Character (20)	Name of language
Last_update	Timestamp (6) without time zone	Date when table was last updated

Links to:

Does not link to any other table

Links from:

Table	Join	Description
Film	language.language_id = film.language_id	Foreign key reference to the film table

Unique keys:

Column	Key Type	Description
language_id	Primary key	Unique identifier for every language

Staff Table

staff		
Column	Data Type	Description
Staff_id	Small int	Unique staff identifier
First_name	Character Varying (45)	First name of staff
last_name	Character Varying (45)	Last name of staff
Address_id	Small int	Unique identifier of address
Email	Character varying (50)	staff email address
store_id	Small int	Unique store identifier
Active	Boolean	staff active status
username	Character Varying (16)	Staff username
password	Character Varying (40)	Staff password
last_update	Timestamp (6) without time zone	Time and date of last update without time zone
Picture	Bytea	Staff picture

Links to:

Table	Join	Description
address	staff.address_id = address.address_id	Foreign key reference to the address table

Links from:

Does not link from any other table

Unique keys:

Column	Key Type	Description
store_id	Primary key	Unique identifier for every store
staff_id	Foreign Key	Primary key for staff table
Address_id	Foreign Key	Primary key for address table

Store Table

store		
Column	Data Type	Description
store_id	Small int	Unique store identifier
Manager_staff_id	Small int	Store manager staff ID
Address_id	Small int	Unique identifier of address
last_update	Timestamp (6) without time zone	Time and date of last update without time zone

Links to:

Table	Join	Description
staff	Store.manager_staff_id = staff.staff_id	Foreign key reference to the staff table
address	Store.address_id = address.address_id	Foreign key reference to the address table

Links from:

Table	Join	Description
Rental	staff.staff_id = rental.staff_id	Foreign key reference to the Rental table
Payment	Staff.staff_id = payment.staff_id	Foreign key reference to the payment table
Store	staff.staff_id = store.staff_id =	Foreign key reference to the store table

Unique keys:

Column	Key Type	Description
staff_id	Primary key	Unique identifier for every staff
address_id	Foreign Key	Primary key for address table

Links from:

Unique keys:

