

Rockbuster Stealth

—

Data Dictionary

Table of Contents

- [Fact Table](#)
 - [Payment Table](#)
 - [Rental Table](#)
- [Dimension Tables](#)
 - [Film Actor Table](#)
 - [Actor Table](#)
 - [Inventory Table](#)
 - [Film Table](#)
 - [Language Table](#)
 - [Film Category Table](#)
 - [Category Table](#)
 - [Customer Table](#)
 - [Staff Table](#)
 - [Store Table](#)
 - [Address Table](#)
 - [City Table](#)
 - [Country Table](#)

Entity Relationship Diagram



Fact Tables

Payment Table		
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 received
Payment_date	Timestamp w/o Time Zone	Date of payment
Links To - Table Name		Join
Rental		payment.rental_id = rental.rental_id
Customer		payment.customer_id = customer.customer_id
Staff		payment.staff_id = staff.staff_id

Rental Table		
Column	Data Type	Description
Rental_id	Serial	Unique rental identifier
Rental_date	Timestamp w/o Time Zone	Date of rental
Inventory_id	Integer	Unique inventory identifier
Customer_id	Small Int	Unique customer identifier
Return_date	Timestamp w/o Time Zone	Date of return
Staff_id	Small Int	Unique staff identifier
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
Inventory		rental.inventory_id = inventory.inventory_id
Customer		rental.customer_id = customer.customer_id
Staff		rental.staff_id = staff.staff_id
Links From - Table Name		Join
Payment		rental.rental_id = payment.rental_id

Dimension Tables

Film_Actor Table		
Column	Data Type	Description
Actor_id	Small Int	Unique identifier of actor
Film_id	Small Int	Unique identifier of film
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
Actor		film_actor.actor_id=actor.actor_id
Film		film_actor.film_id=film.film_id

Actor Table		
Column	Data Type	Description
Actor_id	Serial	Unique identifier of actor
First_name	Character Varying (45)	First name of actor
Last_name	Character Varying (45)	Last name of actor
Last_update	Timestamp w/o Time Zone	Time of last update
Links From - Table Name		Join
Film_Actor		actor.actor_id=film_actor.actor_id

Inventory Table		
Column	Data Type	Description
Inventory_id	Serial	Unique identifier of inventory
Film_id	Small Int	Unique identifier of film
Store_id	Small Int	Unique identifier of store
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
Film		inventory.film_id=film.film_id
Store		inventory.store_id=store.store_id
Links From - Table Name		Join
Rental		inventory.inventory_id=rental.inventory_id

Film Table		
Column	Data Type	Description
Film_id	Serial	Unique identifier of film
Title	Character Varying (255)	Title of film
Description	Text	Description of film
Release_year	Year	Year of film release
Language_id	Small Int	Language of film
Rental_duration	Small Int	Duration of rental
Rental_rate	Numeric(4,2)	Rate of rental
Length	Small Int	Length of film
Replacement_cost	Numeric(5,2)	Replacement cost of film
Rating	Mpaa_rating	Rating of film
Last_update	Timestamp w/o Time Zone	Time of last update
Special_features	Text[]	Special features of film
Fulltext	Tsvector	Film index; contains count of key words in description
Links To - Table Name		Join
language		film.language_id = language.language_id
Links From - Table Name		Join
Film_actor		film.film_id = film_actor.film_id
Inventory		film.film_id = inventory.film_id
Film_category		film.film_id = film_category.film_id

Language Table		
Column	Data Type	Description
Language_id	Serial	Unique identifier of language
Name	Character Varying (20)	Name of language
Last_update	Timestamp w/o Time Zone	Time of last update
Links From - Table Name		Join
Film		language.language_id = film.language_id

Film_Category Table		
Column	Data Type	Description
Film_id	Small Int	Unique identifier of film
Category_id	Small Int	Unique identifier of category
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
Category		film_category.category_id = category.category_id
Film		film_category.film_id = film.film_id

Category Table		
Column	Data Type	Description
Film_id	Small Int	Unique identifier of film
Category_id	Small Int	Unique identifier of category
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
Film_category		category.category_id = film_category.category_id

Customer Table		
Column	Data Type	Description
Customer_id	Small Int	Unique customer identifier
Store_id	Small Int	Unique identifier 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
Address_id	Small Int	Unique identifier of address
Activebool	Boolean	Whether customer is active
Create_date	Date	Date of customer profile creation
Last_update	Timestamp w/o Time Zone	Time of last update
Active	Integer	Active status represented by 0 or 1
Links To - Table Name		Join
Address		customer.address_id = address.address_id
Links From - Table Name		Join
Rental		customer.rental_id = rental.rental_id
Payment		customer.customer_id = payment.customer_id

Staff Table		
Column	Data Type	Description
Staff_id	Serial	Unique identifier of staff member
First_name	Character Varying (45)	First name of staff member
Last_name	Character Varying (45)	Last name of staff member
Address_id	Small Int	Unique identifier of address
Email	Character Varying (50)	Email address of staff member
Store_id	Small Int	Unique identifier of store
Active	Boolean	Whether staff member is active
username	Character Varying (16)	Staff member's username
Password	Character Varying (40)	Staff member's password
Last_update	Timestamp w/o Time Zone	Time of last update
Picture	Bytea	Picture of staff member
Links To - Table Name		Join
Address		staff.address_id = address.address_id
Links From - Table Name		Join
Store		staff.staff_id = store.manager_staff_id
Payment		staff.staff_id = payment.staff_id
Rental		staff.staff_id = rental.staff_id

Store Table		
Column	Data Type	Description
Store_id	Serial	Unique identifier of store location
Maanager_staff_id	Small Int	Unique identifier of store manager
Address_id	Small Int	Unique identifier of address
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
Staff		store.manager_staff_id = staff.staff_id
Address		staff.address_id = address.address_id

Address Table		
Column	Data Type	Description
Address_id	Serial	Unique identifier of address
Address	Character Varying (50)	First line of address
Address2	Character Varying (50)	Second line of address
District	Character Varying (20)	District of address
City_id	Small Int	Unique identifier of city
Postal_code	Character Varying (10)	Postal code associated with address
Phone	Character Varying (20)	Phone number for address
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
City		address.city_id = city.city_id
Links From - Table Name		Join
Customer		addres.address_id = customer.address_id
Staff		address.addres_id = staff.address_id
Store		address.address_id = store.address_id

City Table		
Column	Data Type	Description
City_id	Serial	Unique identifier of city
City	Character Varying (50)	Name of city
Country_id	Small Int	Unique identifier of country
Last_update	Timestamp w/o Time Zone	Time of last update
Links To - Table Name		Join
Country		city.country_id = country.country_id
Links From - Table Name		Join
Address		city.city_id = address.city_id

Country Table		
Column	Data Type	Description
Country_id	Serial	Unique identifier of country
Country	Character Varying (50)	Name of country
Last_update	Timestamp w/o Time Zone	Time of last update
Links From - Table Name		Join
City		country.country_id = city.country_id