

# ROCKBUSTER STEALTH

## DATA DICTIONARY

The database has a snowflake schema, we can see that some tables have other tables under them. Eg. Address – City – Country or Film – Language.

- **FACT TABLES**

**Table Name: Rental**

Columns	Data Type	Description
Rental_id	Serial	Id Number of rental
Rental_date	Timestamp without time zone	Date of the rental
Inventory_id	Integer	Unique ID number of Inventory item
Customer_id	Integer	Unique ID number of the Customer
Return_date	Timestamp without time zone	Date of the Rental Return
Staff_id	Integer	Staff ID of whom processed it
Last_update	Timestamp without time zone	Last date of rental info updated

**Links To** → Payment

**Links From** → Inventory | Customer | Staff

**Table Name: Payment**

Columns	Data Type	Description
Payment_id	Serial	Unique ID Number of payment
Customer_id	Integer	Unique Customer ID
Staff_id	Integer	Staff ID of whom processed the payment
Rental_id	Integer	Unique ID Number of the rental event
Amount	Numeric (5, 2)	Amount of the payment

**Links To** → /

**Links From** → rental | customer | staff

- **DIMENSION TABLES**

**Table Name: Film Actor**

Columns	Data Type	Description
Actor_id	Integer	Unique ID number of the actor
Film_id	Integer	Unique ID number of the film
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → film\_category | film | inventory

**Links From** → actor | film\_category | film | inventory

**Table Name: Actor**

Columns	Data Type	Description
Actor_id	Integer	Unique ID number of the actor
First_name	Character varying (45)	First name of the actor
Last_name	Character varying (45)	Last name of the actor
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → film\_actor

**Links From** → /

**Table Name: Inventory**

Columns	Data Type	Description
Inventory_id	Serial	Unique ID number of Inventory item
Film_id	Integer	Unique ID number of the film
Store_id	Integer	Unique ID number of the store
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → rental

**Links From** → film\_category | film\_actor | film

**Table Name: Film**

Columns	Data Type	Description
Film_id	Integer	Unique ID number of the film
Title	Character varying (255)	Title of the film
Description	Text	Brief description of the film
Release_year	Integer	Year date of when the film was first released
Language_id	Integer	Unique ID number of the film language
Rental_duration	Integer	Duration in days of the film rental event
Rental_rate	Numeric (4, 2)	Value of the rental
Length	Integer	Total time length of the film
Replacement_cost	Numeric (5, 2)	Cost of the film replacement event
Rating	Mpaa_rating	Rating of the film
Last_update	Timestamp without time zone	Last date of the updated record
Special_features	Text	Features details of the film
Fulltext	Tsvector	Film features additional details

**Links To** → film\_actor | film\_category | inventory

**Links From** → language

**Table Name: Language**

Columns	Data Type	Description
Language_id	Integer	Unique ID number of the film language
Name	Character (20)	Language name
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → film

**Links From** → /

**Table Name: Film Category**

Columns	Data Type	Description
Film_id	Integer	Unique ID number of the film
Category_id	Integer	Unique ID number of the category
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → film | film\_actor | inventory | category

**Links From** → film | film\_actor | inventory | category

**Table Name: Category**

Columns	Data Type	Description
Category_id	Serial	Unique ID number of the category
Name	Character varying (25)	Category name
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → category\_id

**Links From** → /

**Table Name: Customer**

Columns	Data Type	Description
Customer_id	Serial	Unique ID number of the Customer
Store_id	Integer	Unique ID number of the store
First_name	Character varying (45)	First name of the customer
Last_name	Character varying (45)	Last name of the customer
Email	Character varying (50)	Email address of the customer
Address_id	Integer	Unique ID number of the address
Activebool	Boolean	Boolean Condition of the customer
Create_date	Date	Customer record creation date
Last_update	Timestamp without time zone	Last date of the updated record
Active	Integer	Customer account status

**Links To** → rental | payment

**Links From** → address | store | staff

**Table Name: Store**

Columns	Data Type	Description
Store_id	Serial	Unique ID number of the store
Manager_staff_id	Integer	Unique ID number of the manager
Address_id	Integer	Unique ID number of the address
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → rental | payment | store

**Links From** → store | customer | address

**Table Name: Staff**

Columns	Data Type	Description
Staff_id	Serial	Unique ID number of the staff member
First_name	Character varying (45)	First name of the staff member
Last_name	Character varying (45)	Last name of the staff member
Address_id	Integer	Unique ID number of the address
Email	Character varying (50)	Email address of the staff member
Store_id	Integer	Unique ID number of the store
Active	Boolean	Staff member account status
Username	Character varying (16)	Username of the staff member
Password	Character varying (40)	Password of the staff member
Last_update	Timestamp without time zone	Last date of the updated record
Picture	Bytea	Photo of the staff member

**Links To** → /

**Links From** → staff | rental | payment | address | customer

**Table Name: Address**

Columns	Data Type	Description
Address_id	Serial	Unique ID number of the address
Address	Character varying (50)	Address details text
Address2	Character varying (50)	Extra field for address details text
District	Character varying (20)	District details of the address
City_id	Integer	Unique ID number of the city
Postal_code	Character varying (10)	Postal code details of the address
Phone	Character varying (20)	Phone details of the address
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → staff | store | customer

**Links From** → city

### Table Name: City

Columns	Data Type	Description
City_id	Serial	Unique ID number of the city
City	Character varying (50)	City name
Country_id	Integer	Unique ID number of the country
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → address

**Links From** → country

### Table Name: Country

Columns	Data Type	Description
Country_id	Serial	Unique ID number of the country
Country	character varying (50)	Country name
Last_update	Timestamp without time zone	Last date of the updated record

**Links To** → city

**Links From** → /