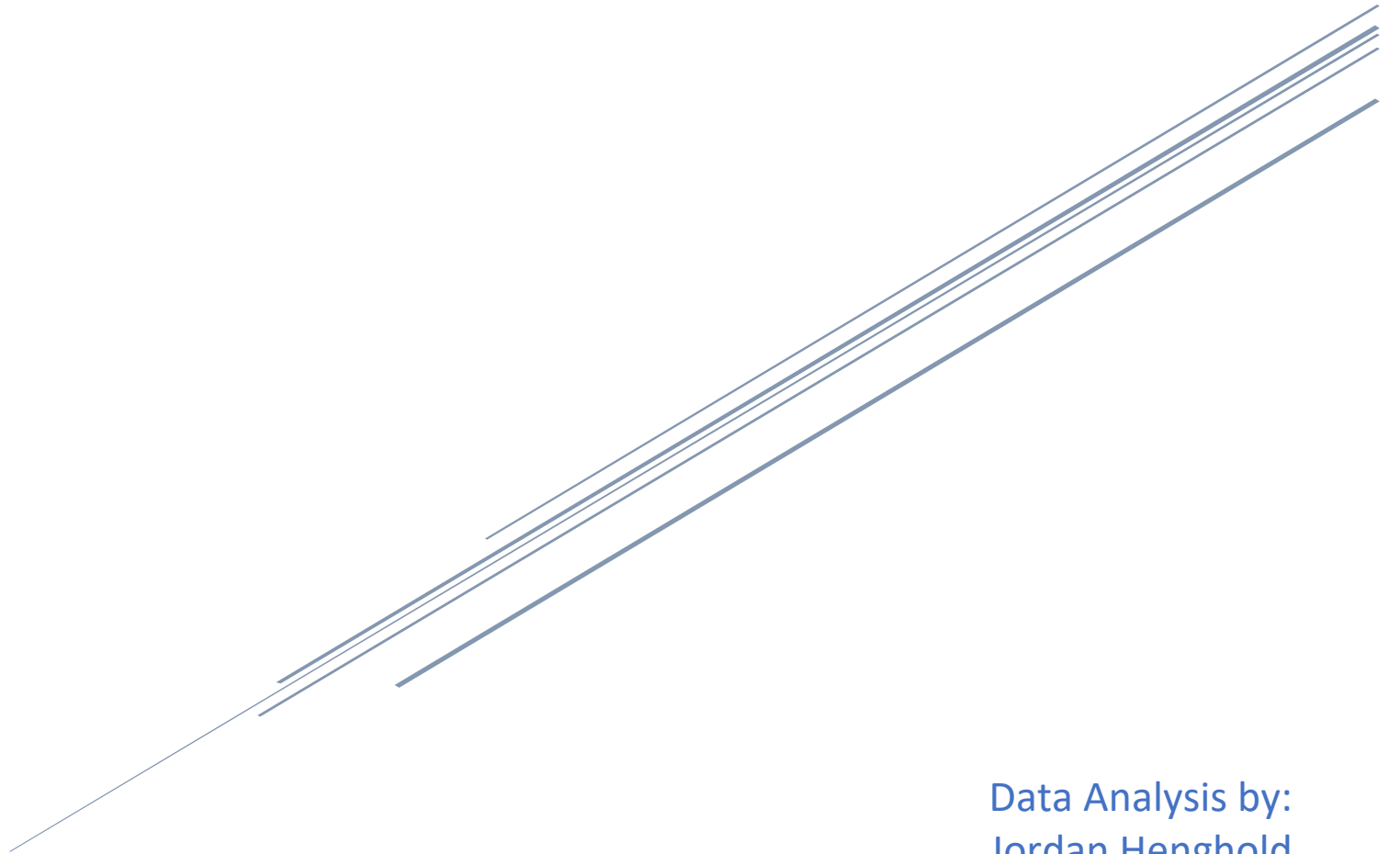


# ROCKBUSTER STEALTH

Data Dictionary



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# 1. Legend

## **Primary key**

A column which acts as a unique identifier for each record in the table. It has to be unique for each entry and it can't be null.

## **Foreign key**

A column which refers to the primary key in another table. They're used to establish relationships between tables.

## 2. Entity Relationship Diagram (ERD)



### 3. Tables

Fact Table:

Payment Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
payment_id	Integer	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	amount received per payment
Payment_date	Timestamp w/o time zone	Date of payment

**Links to:** Customer (customer\_id), Staff (staff\_id), Rental (rental\_id) , **Links from:** N/A

Rental Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
rental_id	Integer	Unique rental identifier

rental_date	Timestamp w/o time zone	Date and time of rental
inventory_id	Integer	Unique inventory identifier
customer_id	Small int	Unique customer identifier
return_date	Timestamp w/o time zone	Date and time of rental
staff_id	Small int	Unique staff identifier
last_update	Timestamp w/o time zone	Date and time of latest update

**Links to:** Inventory (inventory\_id), customer (customer\_id), staff (staff\_id), **Links from:** Payment (rental\_id)

## Dimension Tables: Film Actor Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
actor_id	Small integer	Unique actor identifier
film_id	Small integer	Unique film identifier
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** Film (film\_id), **Links from:** N/A

Inventory Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
inventory_id	Serial	Unique inventory identifier
film_id	Small integer	Unique film identifier
store_id	Small integer	Unique store identifier
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** Film (film\_id), Store (store\_id), **Links from:** Rental (inventory\_id)

Film Category Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
film_id	Small integer	Unique film identifier
category_id	Small integer	Unique category identifier
last_update	Timestamp without timezone	Date and time of latest update

**Links to:** Film (film\_id), category (category\_id), **Links from:** N/A

Customer Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
customer_id	serial	Unique customer identifier
store_id	Small integer	Unique store identifier
first_name	Character varying (45)	Customer first name
last_name	Character varying (45)	Customer last name
email	Character varying (50)	Customer email
address_id	Small integer	Unique address identifier
activebool	Boolean	Customer's active status
create_date	Date	Date of customer profile creation
last_update	Timestamp without time zone integer	Date and time of latest update



active	integer	Active status represented by 0 or 1
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**Links to:** Store (store\_id), address (address\_id), **Links from:** Payment (customer\_id), rental (customer\_id)

Store Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
store_id	serial	Store unique identifier
manager_staff_id	Small integer	Manager staff unique identifier
address_id	Small integer	Unique address identifier
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** Address (address\_id), **Links from:** Staff (store\_id), inventory (store\_id)

Staff Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
staff_id	Serial	Unique staff member identifier

first_name	Character varying (45)	Staff member's first name
last_name	Character varying (45)	Staff member's last name
address_id	Small integer	Unique address identifier
email	Character varying (50)	Staff member's email address
store_id	Small integer	Unique store identifier
active	Boolean	Staff members' active status
username	Character varying (16)	Staff members' username
password	Character varying (40)	Staff members' password
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** Address (address\_id), store (store\_id), **Links from:** N/A

Actor Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
actor_id	serial	Unique actor identifier
first_name	Character varying (45)	Actor's first name
last_name	Character varying (45)	Actor's last name

last_update	Timestamp without time zone	Date and time of latest update
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**Links to:** N/A, **Links from:** Film\_actor (actor\_id)

Film Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
film_id	serial	Unique film identifier
title	Character varying (255)	Film title
description	text	Description of film
release_year	year	Film release year
language_id	Small integer	Language of film
rental_duration	Small integer	Rate or rental
rental_rate	Numeric (4,2)	Length of film
length	Small integer	Replacement of cost of film
replacement_cost	Numeric (5,2)	Replacement cost of film
rating	mppa_rating	Film rating

last_update	Timestamp without time zone	Date and time of latest update
special_features	text	Film's special features (trailers)
fulltext	tsvector	Film index; used for searching

**Links to:** Language (language\_id), **Links from:** Film\_actor (film\_id), inventory (film\_id), film\_category (film\_id)

Category Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
category_id	serial	Category unique identifier
name	Character varying (25)	Category name
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** N/A, **Links from:** Film\_category (category\_id)

Address Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
address_id	serial	Address unique identifier

address	Character varying (50)	First line of address
address2	Character varying (50)	Second line of address
district	Character varying (20)	Address district
city_id	Small integer	City unique identifier
postal_code	Character varying (10)	Address' postal code
phone	Character varying (20)	Address' phone number
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** City (city\_id), **Links from:** Staff (address\_id), store (address\_id), customer (address\_id)

Language Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
language_id	serial	Language unique identifier
name	Character (20)	Language name
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** N/A, **Links from:** Film (language\_id)

City Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
city_id	serial	City's unique identifier
city	Character varying (50)	City name
country_id	Small integer	Country's unique identifier
last_update	Timestamp without time	Date and time of latest update

**Links to:** Country (country\_id), **Links from:** Address (city\_id)

Country Table:

<u>Column Name</u>	<u>Data Type</u>	<u>Description</u>
country_id	serial	Country's unique identifier
country	Character varying (50)	Name of country
last_update	Timestamp without time zone	Date and time of latest update

**Links to:** N/A, **Links from:** City (country\_id)