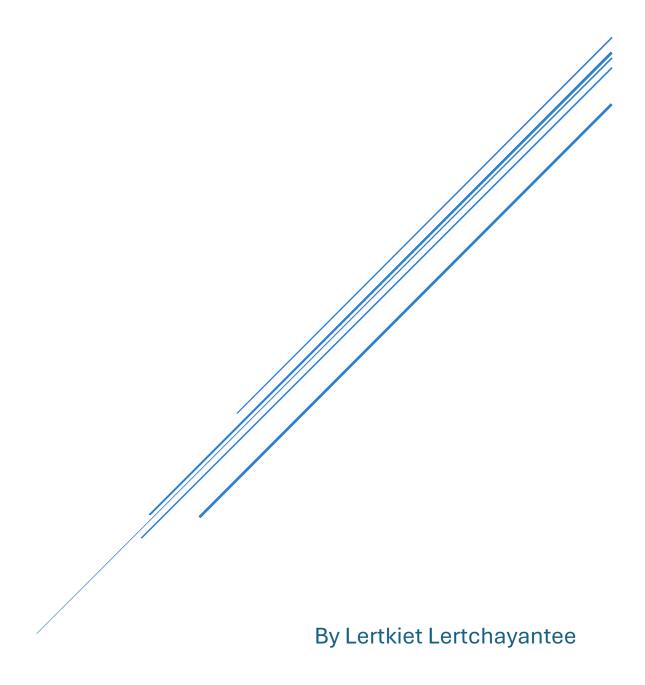
# **ROCKBUSTER STEALTH**

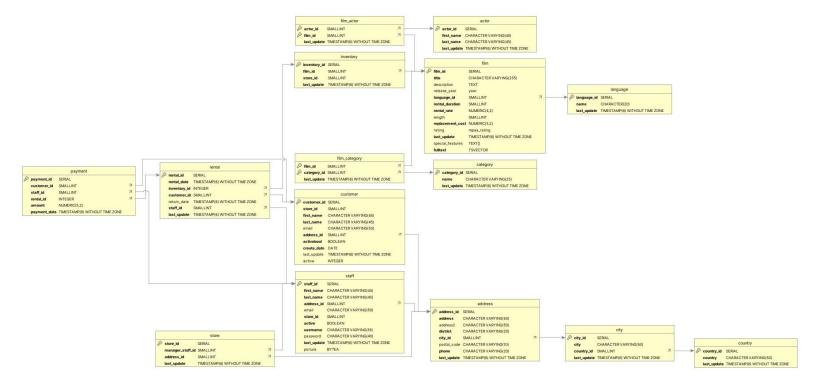
**DATA DICTONARY** 



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#### 1. ENTITY RELATIONSHIP DIAGRAM (ERD)



#### Schema Type

This is a Snowflake schema. The fact tables "payment" and "rental" are surrounded by dimension tables which are film\_actor, actor, inventory, film, language, film\_category, category, customer, staff, address, city and country

#### 2. LEGEND



Primary key



Foreign key

### 3. FACT TABLES

### 3.1 Payment table

Columns		Data Type	Description
9	payment_id	Integer	Unique identifier of a
1	payment_id		payment
•	customer id	Smallint	Unique identifier of a
1	customer_id		customer
•	staff_id	Smallint	Unique identifier of a
	Stan_id		staff member
•	manatal ial	Integer	Unique identifier of a
1	rental_id		rental
	amount	Numeric(5,2)	Price of a rental
	payment_date	Timestamp without	Date and time of a
		time zone	payment

#### 3.2 Rental table

Columns		Data Type	Description
•	rental id	Integer	Unique identifier of a
3	rentat_iu	iiitegei	rental
•	rental date	Timestamp without	Date and time when a
•	Terriai_date	time zone	customer rents a rental
•	inventory_id	Integer	Unique identifier of an
•	iliveritory_ld	integei	inventory
•	customer_id	Smallint	Unique identifier of a
		Siliattilit	customer
	return date	Timestamp without	Date and time when a
	returii_date	time zone	customer returns a rental
•	staff id	Smallint	Unique identifier
	stail_lu	Sinattint	of a staff
	last undata	Timestamp without	Date and time of record
	last_update	time zone	last updated

### 4. DIMENSION TABLES

#### 4.1 Actor table

	Columns	Data Type	Description
9	actor id	Intogor	Unique identifier
	actor_id	Integer	of an actor
	first_name	Character varying(45)	First name of an actor
	last_name	Character varying(45)	Last name of a customer
	loot undete	Timestamp without	Date and time of record last
	last_update	time zone	updated

#### 4.2 Film table

	Columns	Data Type	Description
9	film_id	Integer	Unique identifier of a
-	nun_iu	integer	customer
	title	Character varying(50)	Title of a film
	description	Text	Description of a film
	release_year	Integer	Release year of a film
•	languaga id	Smallint	Unique identifier of a
1	language_id	Smattint	language
	rental_duration	Smallint	Rental duration of a film
	rental_rate	Numeric(4,2)	Rental rate in dollar of a film
	length	Smallint	Length of a film
			Cost in dollar if a customer
	replacement_cost	Numeric(5,2)	loses, damages or is not
			returning videos or DVDs
			movies rating based on their
	rating	mpaa_rating	content and suitability for
			different audiences
	last undata	Timestamp without time	Date and time of
	last_update	zone	record last updated
	special_features	Text[]	Special features of a film
	fulltext	tsvector	Relating texts of a film

## 4. DIMENSION TABLES (COUNTINUED)

#### 4.3 Film\_category table

	Columns	Data Type	Description
??	film_id	Smallint	Unique identifier of a film
??	category_id	Smallint	Unique identifier of a category
	last_update	Timestamp without time zone	Date and time of record last updated

#### 4.4 Category table

	Columns	Data Type	Description
9	ootogon, id	Intogor	Unique identifier
-	category_id	Integer	of a category
	name	Character varying(50)	Genre name of the category
	loot undata	Timestamp without time	Date and time of record last
	last_update	zone	updated

#### 4.5 Language table

	Columns	Data Type	Description
9	languaga id	Integer	Unique identifier
-	language_id	Integer	of a language
	name	Character (20)	Language name of the language
	loot undata	Timestamp without	Date and time of record last
	last_update	time zone	updated

#### 4.6 Inventory table

	Columns	Data Type	Description
9	inventory_id	Integer	Unique identifier of an
1		integer	inventory
•	£'1 '	Smallint	Unique identifier
1	film_id	Smallint	of a film
•	store_id	Smallint	Unique identifier
1			of a store
	loot undata	Timestamp without time	Date and time of record last
	last_update	zone	updated

# 4. DIMENSION TABLES (COUNTINUED)

#### 4.7 Store table

Columns		Data Type	Description	
9	store_id	Integer	Unique identifier	
		iiitegei	of a store	
•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Smallint	Unique identifier	
1	manager_staff_id		of a store manager	
•	address id	Smallint	Address	
	audiess_id		of a store	
	l t l - t -	Lost undete Timestemp without time 70	Timestamp without time zone	Date and time of record
	last_update	Timestamp without time zone	last updated	

#### 4.8 Staff table

Columns		Data Type	Description
•	staff_id	Integer	Unique identifier of a staff
	first_name	Character varying(45)	First name of a staff
	last_name	Character varying(45)	Last name of a staff
•	address_id	Smallint	Unique identifier of an address
	email	Character varying(50)	Email of a staff
•	store_id	Smallint	Unique identifier of an address
	active	Boolean	Showing a status if it is active in Boolean logic (true/false)
	username	Character varying(16)	Username of a staff
	password	Character varying(40)	Password of a staff
	lost undate	Timestamp without	Date and time of record last
	last_update	time zone	updated
	picture	bytea	Picture of a staff (in binary data)

# 4. DIMENSION TABLES (COUNTINUED)

#### 4.9 Customer table

	Columns	Data Type	Description
9	customer_id	Integer	Unique identifier
1	Custoffief_iu	Integer	of a customer
•	store_id	Smallint	Unique identifier
1	Store_iu	Smattiff	of a store
	first_name	Character varying(45)	First name of a customer
	last name	Character vanding(45)	Last name of a customer
	last_name	Character varying(45)	(relating to the first name above)
	email	Character varying(50)	Email of a customer (relating to
	emait	Character varying(50)	the first and last name above)
•	address_id	Smallint	Unique identifier
	auuless_lu		of an address
	activebool	Boolean	Showing a status if it is active in
	activeboot	Bootean	Boolean logic (true/false)
	create_date	Date	Date and time when a customer
	Create_date	Date	account created
	last undata	Timestamp without time	Date and time of record last
	last_update	zone	updated
	active	Integer	Showing a status if it is active in
	active	Integer	integer number (1/0)

#### 4.10 Address table

Columns		Data Type	Description
-	address_id	Integer	Unique identifier
			of an address
	address	Character varying(50)	An address detail
	address2	Character varying(50)	Additional detail of an address
	district	Character varying(20)	District (relating to the address)
•	city_id	Smallint	Unique identifier
			of a city
	nootal aada	Character varying(10)	Postal code (relating to the
	postal_code		address)
	phone	Character varying(20)	Phone number
	last_update	Timestamp without	Date and time of
		time zone	record last updated

## 4. DIMENSION TABLES (CONTINUED)

#### 4.11 City table

	Columns	Data Type	Description
•	city_id	Integer	Unique identifier
			of a city
	city	Character varying(50)	City name (relating to city_id)
•	country_id	Smallint	Unique identifier
	Country_id		of a country
	last_update	Timestamp without	Date and time of
		time zone	record last updated

#### 4.12 Country table

Columns		Data Type	Description
	country_id	Integer	Unique identifier
			of a country
	country	Character	Country name (relating to
		varying(50)	country_id)
	last_update	Timestamp without	Date and time of record last
		time zone	updated

#### 4.13 Film\_actor table

Columns		Data Type	Description
<b>99</b>	actor_id	Smallint	Unique identifier of an
	actor_iu		actor
9 9	film id	Smallint	Unique identifier
11	nun_iu		of a film
	last_update	Timestamp without time	Date and time of record
		zone	last updated