ROCKBUSTER STEALTH

DATA DICTIONARY

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09/25/2023

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1. Rockbuster

Stealth Rockbuster Stealth dataset contains information about the company's movie inventory, customers, and payments, among other things. Click on the LINK to download the dataset.

2. LEGEND
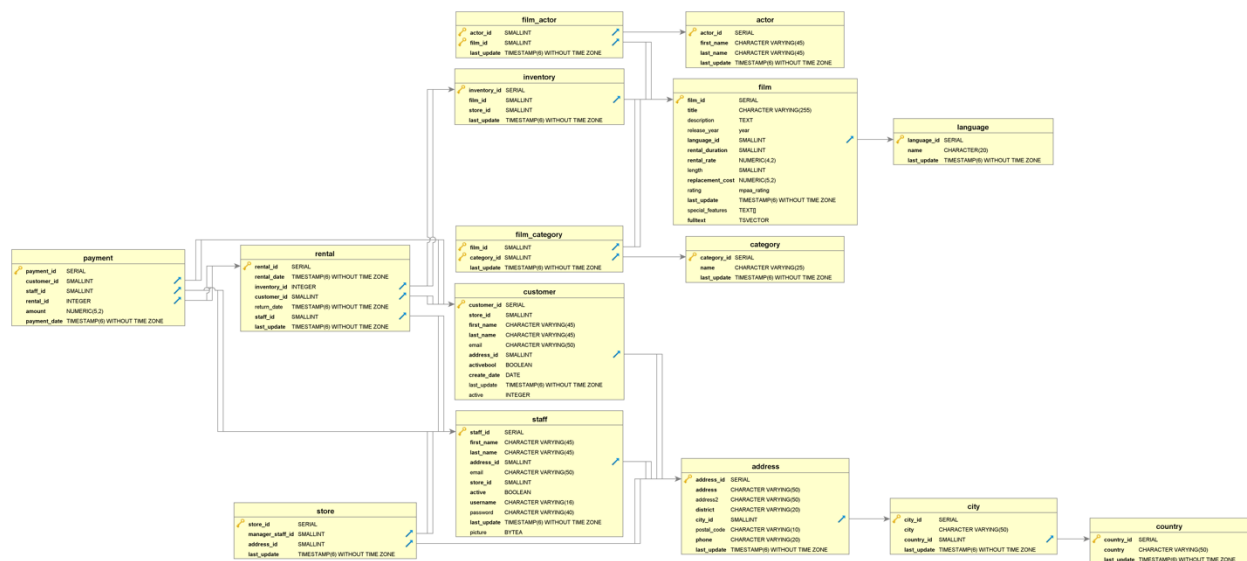
🔑 Primary key

↗ Foreign key

3. ERD from the Rockbuster database-Lucidchart

The Rockbuster database appears to follow a snowflake schema, with the fact tables (payment and rental) situated at the center and surrounded by dimension tables.

4. Tables

4.1.   Fact Table

4.1.1.   Table: payment

Key	Column	Data	Description
🔑	payment_id	Serial	Unique payment identifier- primary key
↗	customer_id	Small int	Unique customer identifier
↗	staff_id	Small int	Unique staff identifier
↗	rental_id	integer	Unique rental identifer
	amount	Numerics (5,2)	Amount of payment
	payment_date	Timestamp without time zone	Date and time record of payment

Links to

ble	in
stomer	yment.customer_id = customer.customer_id
aff	yment.staff_id = staff.staff_id
ntal	yment.rental_id = rental.rental_id

4.1.2.   Table: rental

Key	Column	Data	Description
🔑	rental_id	integer	Unique rental identifier
	rental_date	Timestamps without time zone	Date and time of rental
↗	inventory_id	integer	Unique inventory identifier
↗	customer_id	Small integer	Unique customer identifier

Key		Column	Data	Description
		return _date	Timestamp without time zone	Date and time of rental
↗		staff_id	Small integer	Unique staff identifier

4.2. Dimension Table

4.2.1. Table: actor

Key	Column	Data	Description
🔑	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

4.2.2. Table: address

Key	Column	Data	Description
🔑	address_id	integer	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

4.2.3. Table: category

Key	Column	Data	Description

Key	Column	Data	Description
🔑	category_id	integer	Category unique identifier
	name	Character varying (25)	Category name
	last_update	Timestamp without time zone	Date and time of latest update

4.2.4.　　Table: city

Key	Column	Data	Description
🔑	city_id	integer	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

4.2.5.　　Table: country

Key	Column	Data	Description
🔑	counry_id	integer	Country's unique identifier
	country	Character varying (50)	Name of country
	last_update	Timestamp without time zone	Date and time of latest update

4.2.6.　　Table: customer

Key	Column	Data	Description
🔑	customer_id	integer	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

Key	Column	Data	Description
	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

4.2.7. Table: film

Key	Column	Data	Description
🔑	film_id	integer	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	text	Film rating
	last_update	Timestamp without time zone	Date and time of latest update
	special_feactures	text	Film's special features (trailers)
	fulltext	tsvector	Film index; used for searching

4.2.8. Table: film_actor

Key	Column	Data	Description
🔑	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

4.2.9. Table: film_category

Key	Column	Data	Description
🔑	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

4.2.10. Table: inventory

Key	Column	Data	Description
🔑	inventory_id	integer	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

4.2.11. Table: language

Key	Column	Data	Description
🔑	language_id	integer	Language uniqure identifier
	name	Character (20)	Language name
	last_update	Timestamp without time zone	Date and time of latest update

4.2.12.   Table: staff

Key	Column	Data	Description
	staff_id	integer	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

4.2.13.   Table: store

Key	Column	Data	Description
	store_id	integer	Store unique identifier
	manager_staff_id	Small integer	Manager staff unique identifier
	address_id	Small inteer	Unique address identifier