

## # Sakila Database Metadata Documentation

### ## Overview

The Sakila database is a sample database designed for managing a movie rental business. It includes tables that represent actors, films, customers, rental transactions, and more. The following documentation provides metadata, including business column names, descriptions, and business content information.

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### ## Tables and Column Descriptions

#### ### 1. **actor**

Represents actors who appear in movies.

Business Column	Description	Business Content
actor_id	Unique identifier for each actor	Numeric primary key
first_name	Actor's first name	First name of the actor
last_name	Actor's last name	Last name of the actor
last_update	Last modified timestamp	Tracks record updates

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#### ### 2. **country**

Stores country names for customer and store locations.

Business Column	Description	Business Content
country_id	Unique identifier for each country	Numeric primary key
country	Name of the country	Country name as a string
last_update	Last modified timestamp	Tracks record updates

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#### ### 3. **city**

Stores city names associated with countries.

Business Column	Description	Business Content
city_id	Unique identifier for each city	Numeric primary key
city	Name of the city	City name as a string
country_id	Foreign key referencing country table	Links to country table
last_update	Last modified timestamp	Tracks record updates

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#### ### 4. \*\*address\*\*

Stores customer and store addresses.

Business Column	Description	Business Content
address_id	Unique identifier for each address	Numeric primary key
address	Street address	Primary address line
address2	Additional address details	Optional secondary address line
district	Administrative district or region	City district name
city_id	Foreign key referencing city table	Links to city table
postal_code	Postal code for the address	ZIP or postal code
phone	Contact number	Phone number associated with the address
last_update	Last modified timestamp	Tracks record updates

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#### ### 5. \*\*language\*\*

Stores languages associated with films.

Business Column	Description	Business Content
language_id	Unique identifier for each language	Numeric primary key
name	Language name	Language of films
last_update	Last modified timestamp	Tracks record updates

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#### ### 6. \*\*category\*\*

Represents film categories.

Business Column	Description	Business Content
category_id	Unique identifier for each category	Numeric primary key
name	Name of the category	Film genre (e.g., Action, Comedy)
last_update	Last modified timestamp	Tracks record updates

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#### ### 7. \*\*customer\*\*

Stores customer information.

Business Column	Description	Business Content
customer_id	Unique identifier for each customer	Numeric primary key
store_id	Store associated with the customer	Foreign key linking to store
first_name	Customer's first name	First name of the customer
last_name	Customer's last name	Last name of the customer
email	Customer's email address	Email used for communication
address_id	Foreign key referencing address table	Links to address table
active	Indicates if the customer is active	'Y' for active, 'N' for inactive
create_date	Date when customer was added	Timestamp of creation
last_update	Last modified timestamp	Tracks record updates

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#### ### 8. \*\*film\*\*

Stores details about movies available for rental.

Business Column	Description	Business Content
film_id	Unique identifier for each film	Numeric primary key
title	Title of the film	Movie title
description	Synopsis of the film	Short description of the movie
release_year	Year the film was released	Four-digit year
language_id	Foreign key referencing language	Links to language table
original_language_id	Foreign key for original language	Links to language table (nullable)
rental_duration	Duration the film can be rented	Default is 3 days
rental_rate	Rental price per period	Default is \$4.99
length	Length of the film in minutes	Movie duration
replacement_cost	Cost of replacing lost film	Default is \$19.99
rating	Film rating	G, PG, PG-13, R, NC-17
special_features	Special content available	Trailers, deleted scenes, etc.
last_update	Last modified timestamp	Tracks record updates

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#### ### 9. \*\*film\_actor\*\*

Many-to-many relationship between films and actors.

Business Column	Description	Business Content
actor_id	Foreign key referencing actor table	Links to actor table
film_id	Foreign key referencing film table	Links to film table
last_update	Last modified timestamp	Tracks record updates

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#### ### 10. \*\*film\_category\*\*

Associates films with categories.

Business Column	Description	Business Content
film_id	Foreign key referencing film table	Links to film table
category_id	Foreign key referencing category table	Links to category table
last_update	Last modified timestamp	Tracks record updates

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#### ### 11. \*\*inventory\*\*

Stores available film copies per store.

Business Column	Description	Business Content
inventory_id	Unique identifier for inventory item	Numeric primary key
film_id	Foreign key referencing film table	Links to film table
store_id	Foreign key referencing store table	Links to store table
last_update	Last modified timestamp	Tracks record updates

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#### ### 12. \*\*staff\*\*

Stores staff details for managing stores.

Business Column	Description	Business Content
staff_id	Unique identifier for each staff member	Numeric primary key
first_name	Staff member's first name	Employee first name
last_name	Staff member's last name	Employee last name
address_id	Foreign key referencing address table	Links to address table
picture	Staff member's photo	Stored as a binary object
email	Staff email address	Contact email
store_id	Foreign key referencing store table	Links to store table
active	Staff status	1 for active, 0 for inactive
username	Staff login username	Used for authentication
password	Staff login password	Encrypted password
last_update	Last modified timestamp	Tracks record updates

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### ### 13. \*\*store\*\*

Stores details about rental stores.

Business Column	Description	Business Content
store_id	Unique identifier for each store	Numeric primary key
manager_staff_id	Foreign key referencing staff	Links to store manager
address_id	Foreign key referencing address table	Links to address table
last_update	Last modified timestamp	Tracks record updates

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### ## Conclusion

This metadata documentation provides a structured overview of the Sakila database, making it easier for LLMs and users to understand the business context of each table and column.