sakila
Data Dictionay

2024-08-03

Alphabetic Index

actor

Column name	DataType	P.K	N.N	U.Q	B.IN	U.N	Z.F	A.I	Default	Comment
actor_id	SMALLINT	✓	✓			✓		✓		
first_name	VARCHAR(45)		✓							
last_name	VARCHAR(45)		✓							
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

address

Column name	DataType	P.K	N.N	U.Q	B.IN	U.N	Z.F	A.I	Default	Comment
address_id	SMALLINT	✓	✓			✓		✓		
address	VARCHAR(50)		✓							
address2	VARCHAR(50)								NULL	
district	VARCHAR(20)		✓							
city_id	SMALLINT		✓			✓				
postal_code	VARCHAR(10)								NULL	
phone	VARCHAR(20)		✓							
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

category

Column name	DataType	P.K	N.N	U.Q	B.IN	U.N	Z.F	A.I	Default	Comment
category_id	TINYINT	✓	✓			✓		✓		
name	VARCHAR(25)		✓							
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

city

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
city_id	SMALLINT	✓	✓			✓		✓		
city	VARCHAR(50)		✓							
country_id	SMALLINT		✓			✓				
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

country

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
country_id	SMALLINT	✓	✓			✓		✓		
country	VARCHAR(50)		✓							
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

customer

Table storing all customers. Holds foreign keys to the address table and the store table where this customer is registered. Basic information about the customer like first and last name are stored in the table itself. Same for the date the record was created and when the information was last updated.

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
customer_id	SMALLINT	✓	✓			✓		✓		
store_id	TINYINT		✓			✓				
first_name	VARCHAR(45)		✓							
last_name	VARCHAR(45)		✓							
email	VARCHAR(50)								NULL	
address_id	SMALLINT		✓			✓				
active	TINYINT(1)		✓						TRUE	
create_date	DATETIME		✓							
last_update	TIMESTAMP								CURRENT_TIMESTAMP	

film

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
film_id	SMALLINT	✓	✓			✓		✓		
title	VARCHAR(255)		✓							
description	TEXT									
release_year	YEAR									
language_id	TINYINT		✓			✓				
original_language_id	TINYINT					✓			NULL	
rental_duration	TINYINT		✓			✓			3	
rental_rate	DECIMAL(4,2)		✓						4.99	
length	SMALLINT					✓			NULL	
replacement_cost	DECIMAL(5,2)		✓						19.99	
rating	ENUM('G','PG','PG-13','R','NC-17')								'G'	
special_features	SET('Trailers','Commentaries','Deleted Scenes','Behind the Scenes')									

last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

film_actor

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
actor_id	SMALLINT	✓	✓			✓				
film_id	SMALLINT	✓	✓			✓				
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

film_category

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
film_id	SMALLINT	✓	✓			✓				
category_id	TINYINT	✓	✓			✓				
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

film_text

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
film_id	SMALLINT	✓	✓			✓				
title	VARCHAR(255)		✓							
description	TEXT									

inventory

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
inventory_id	MEDIUMINT	✓	✓			✓		✓		
film_id	SMALLINT		✓			✓				
store_id	TINYINT		✓			✓				
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

language

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
language_id	TINYINT	✓	✓			✓		✓		
name	CHAR(20)		✓							
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

payment

Column name	DataType	PK	NN	UQ	BIN	UN	ZF	AI	Default	Comment
payment_id	SMALLINT	✓	✓			✓		✓		
customer_id	SMALLINT		✓			✓				
staff_id	TINYINT		✓			✓				
rental_id	INT								NULL	
amount	DECIMAL(5,2)		✓							
payment_date	DATETIME		✓							

Column name	DataType								Default	Comment
last_update	TIMESTAMP								CURRENT_TIMESTAMP	

rental

Column name	DataType	P.K	NN	UQ	BIN	UN	ZF	AI	Default	Comment
rental_id	INT	✓	✓					✓		
rental_date	DATETIME		✓							
inventory_id	MEDIUMINT		✓			✓				
customer_id	SMALLINT		✓			✓				
return_date	DATETIME									
staff_id	TINYINT		✓			✓				
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

staff

Column name	DataType	P.K	NN	UQ	BIN	UN	ZF	AI	Default	Comment
staff_id	TINYINT	✓	✓			✓		✓		
first_name	VARCHAR(45)		✓							
last_name	VARCHAR(45)		✓							
address_id	SMALLINT		✓			✓				
picture	BLOB									
email	VARCHAR(50)								NULL	
store_id	TINYINT		✓			✓				
active	TINYINT(1)		✓						TRUE	
username	VARCHAR(16)		✓							
password	VARCHAR(40)				✓				NULL	
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	

store

Column name	DataType	P.K	NN	UQ	BIN	UN	ZF	AI	Default	Comment
store_id	TINYINT	✓	✓			✓		✓		
manager_staff_id	TINYINT		✓			✓				
address_id	SMALLINT		✓			✓				
last_update	TIMESTAMP		✓						CURRENT_TIMESTAMP	