

sakila

actor

Column	Type	Null	Default	Comments
actor_id <i>(Primary)</i>	smallint	No		
first_name	varchar(45)	No		
last_name	varchar(45)	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	actor_id	200	A	No	
idx_actor_last_name	BTREE	No	No	last_name	121	A	No	

actor\_info

Table comments: *VIEW*

Column	Type	Null	Default	Comments
actor_id	smallint	No	0	
first_name	varchar(45)	No		
last_name	varchar(45)	No		
film_info	text	Yes	<i>NULL</i>	

No index defined!

address

Column	Type	Null	Default	Comments
address_id <i>(Primary)</i>	smallint	No		
address	varchar(50)	No		
address2	varchar(50)	Yes	<i>NULL</i>	
district	varchar(20)	No		
city_id	smallint	No		
postal_code	varchar(10)	Yes	<i>NULL</i>	
phone	varchar(20)	No		
location	geometry	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	address_id	603	A	No	
idx_fk_city_id	BTREE	No	No	city_id	599	A	No	
idx_location	SPATIAL	No	No	location (32)	603	A	No	

category

Column	Type	Null	Default	Comments
category_id <i>(Primary)</i>	tinyint	No		

Column	Type	Null	Default	Comments
name	varchar(25)	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	category_id	16	A	No	

## city

Column	Type	Null	Default	Comments
city_id <i>(Primary)</i>	smallint	No		
city	varchar(50)	No		
country_id	smallint	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	city_id	600	A	No	
idx_fk_country_id	BTREE	No	No	country_id	109	A	No	

## country

Column	Type	Null	Default	Comments
country_id <i>(Primary)</i>	smallint	No		
country	varchar(50)	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	country_id	109	A	No	

## customer

Column	Type	Null	Default	Comments
customer_id <i>(Primary)</i>	smallint	No		
store_id	tinyint	No		
first_name	varchar(45)	No		
last_name	varchar(45)	No		
email	varchar(50)	Yes	NULL	
address_id	smallint	No		
active	tinyint(1)	No	1	
create_date	datetime	No		
last_update	timestamp	Yes	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	customer_id	599	A	No	
idx_fk_store_id	BTREE	No	No	store_id	2	A	No	
idx_fk_address_id	BTREE	No	No	address_id	599	A	No	

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
idx_last_name	BTREE	No	No	last_name	599	A	No	

## customer\_list

Table comments: *VIEW*

Column	Type	Null	Default	Comments
ID	smallint	No	0	
name	varchar(91)	Yes	<i>NULL</i>	
address	varchar(50)	No		
zip code	varchar(10)	Yes	<i>NULL</i>	
phone	varchar(20)	No		
city	varchar(50)	No		
country	varchar(50)	No		
notes	varchar(6)	No		
SID	tinyint	No		

No index defined!

## film

Column	Type	Null	Default	Comments
film_id ( <i>Primary</i> )	smallint	No		
title	varchar(128)	No		
description	text	Yes	<i>NULL</i>	
release_year	year	Yes	<i>NULL</i>	
language_id	tinyint	No		
original_language_id	tinyint	Yes	<i>NULL</i>	
rental_duration	tinyint	No	3	
rental_rate	decimal(4,2)	No	4.99	
length	smallint	Yes	<i>NULL</i>	
replacement_cost	decimal(5,2)	No	19.99	
rating	enum('G', 'PG', 'PG-13', 'R', 'NC-17')	Yes	G	
special_features	set('Trailers', 'Commentaries', 'Deleted Scenes', 'Behind the Scenes')	Yes	<i>NULL</i>	
last_update	timestamp	No	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	film_id	1000	A	No	
idx_title	BTREE	No	No	title	1000	A	No	
idx_fk_language_id	BTREE	No	No	language_id	1	A	No	
idx_fk_original_language_id	BTREE	No	No	original_language_id	1	A	Yes	

## film\_actor

Column	Type	Null	Default	Comments
actor_id ( <i>Primary</i> )	smallint	No		
film_id ( <i>Primary</i> )	smallint	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	actor_id	200	A	No	
				film_id	5462	A	No	
idx_fk_film_id	BTREE	No	No	film_id	997	A	No	

## film\_category

Column	Type	Null	Default	Comments
film_id ( <i>Primary</i> )	smallint	No		
category_id ( <i>Primary</i> )	tinyint	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	film_id	1000	A	No	
				category_id	1000	A	No	
fk_film_category_category	BTREE	No	No	category_id	16	A	No	

## film\_list

Table comments: *VIEW*

Column	Type	Null	Default	Comments
FID	smallint	Yes	0	
title	varchar(128)	Yes	<i>NULL</i>	
description	text	Yes	<i>NULL</i>	
category	varchar(25)	No		
price	decimal(4,2)	Yes	4.99	
length	smallint	Yes	<i>NULL</i>	
rating	enum('G', 'PG', 'PG-13', 'R', 'NC-17')	Yes	G	
actors	text	Yes	<i>NULL</i>	

No index defined!

## film\_text

Column	Type	Null	Default	Comments
film_id ( <i>Primary</i> )	smallint	No		
title	varchar(255)	No		
description	text	Yes	<i>NULL</i>	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	film_id	1000	A	No	
idx_title_description	FULLTEXT	No	No	title	1000		No	
				description	1000		Yes	

## inventory

Column	Type	Null	Default	Comments
inventory_id (Primary)	mediumint	No		
film_id	smallint	No		
store_id	tinyint	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	inventory_id	4581	A	No	
idx_fk_film_id	BTREE	No	No	film_id	958	A	No	
idx_store_id_film_id	BTREE	No	No	store_id	2	A	No	
				film_id	1521	A	No	

## language

Column	Type	Null	Default	Comments
language_id (Primary)	tinyint	No		
name	char(20)	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	language_id	6	A	No	

## nicer\_but\_slower\_film\_list

Table comments: *VIEW*

Column	Type	Null	Default	Comments
FID	smallint	Yes	0	
title	varchar(128)	Yes	NULL	
description	text	Yes	NULL	
category	varchar(25)	No		
price	decimal(4,2)	Yes	4.99	
length	smallint	Yes	NULL	
rating	enum('G', 'PG', 'PG-13', 'R', 'NC-17')	Yes	G	
actors	text	Yes	NULL	

No index defined!

## payment

Column	Type	Null	Default	Comments
payment_id (Primary)	smallint	No		
customer_id	smallint	No		
staff_id	tinyint	No		
rental_id	int	Yes	NULL	
amount	decimal(5,2)	No		
payment_date	datetime	No		
last_update	timestamp	Yes	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	payment_id	16086	A	No	
idx_fk_staff_id	BTREE	No	No	staff_id	2	A	No	
idx_fk_customer_id	BTREE	No	No	customer_id	599	A	No	
fk_payment_rental	BTREE	No	No	rental_id	16044	A	Yes	

## rental

Column	Type	Null	Default	Comments
rental_id ( <i>Primary</i> )	int	No		
rental_date	datetime	No		
inventory_id	mediumint	No		
customer_id	smallint	No		
return_date	datetime	Yes	<i>NULL</i>	
staff_id	tinyint	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	rental_id	16010	A	No	
rental_date	BTREE	Yes	No	rental_date	15815	A	No	
				inventory_id	16010	A	No	
				customer_id	16010	A	No	
idx_fk_inventory_id	BTREE	No	No	inventory_id	4580	A	No	
idx_fk_customer_id	BTREE	No	No	customer_id	599	A	No	
idx_fk_staff_id	BTREE	No	No	staff_id	2	A	No	

## rental\_duration

Table comments: *VIEW*

Column	Type	Null	Default	Comments
customer_id	smallint	No		
avg_rental_duration	decimal(12,4)	Yes	<i>NULL</i>	

No index defined!

## sales\_by\_film\_category

Table comments: *VIEW*

Column	Type	Null	Default	Comments
category	varchar(25)	No		
total_sales	decimal(27,2)	Yes	<i>NULL</i>	

No index defined!

## sales\_by\_store

Table comments: *VIEW*

Column	Type	Null	Default	Comments
store	varchar(101)	Yes	<i>NULL</i>	
manager	varchar(91)	Yes	<i>NULL</i>	
total_sales	decimal(27,2)	Yes	<i>NULL</i>	

No index defined!

## staff

Column	Type	Null	Default	Comments
staff_id <i>(Primary)</i>	tinyint	No		
first_name	varchar(45)	No		
last_name	varchar(45)	No		
address_id	smallint	No		
picture	blob	Yes	<i>NULL</i>	
email	varchar(50)	Yes	<i>NULL</i>	
store_id	tinyint	No		
active	tinyint(1)	No	1	
username	varchar(16)	No		
password	varchar(40)	Yes	<i>NULL</i>	
last_update	timestamp	No	CURRENT_TIMESTAMP	

### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	staff_id	2	A	No	
idx_fk_store_id	BTREE	No	No	store_id	2	A	No	
idx_fk_address_id	BTREE	No	No	address_id	2	A	No	

## staff\_list

Table comments: *VIEW*

Column	Type	Null	Default	Comments
ID	tinyint	No	0	
name	varchar(91)	Yes	<i>NULL</i>	
address	varchar(50)	No		
zip code	varchar(10)	Yes	<i>NULL</i>	
phone	varchar(20)	No		
city	varchar(50)	No		
country	varchar(50)	No		
SID	tinyint	No		

No index defined!

## store

Column	Type	Null	Default	Comments
store_id <i>(Primary)</i>	tinyint	No		
manager_staff_id	tinyint	No		
address_id	smallint	No		
last_update	timestamp	No	CURRENT_TIMESTAMP	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	store_id	2	A	No	
idx_unique_manager	BTREE	Yes	No	manager_staff_id	2	A	No	
idx_fk_address_id	BTREE	No	No	address_id	2	A	No	

total\_dvds

Table comments: *VIEW*

Column	Type	Null	Default	Comments
customer_id	smallint	No	0	
district	varchar(20)	No		
total_dvds_rented	bigint	No	0	

No index defined!

valuation\_report

Table comments: *VIEW*

Column	Type	Null	Default	Comments
district	varchar(20)	No		
total_customers	bigint	No	0	
total_dvds_rented	decimal(42,0)	Yes	<i>NULL</i>	
avg_rental_duration	decimal(16,8)	Yes	<i>NULL</i>	

No index defined!