



# Data Dictionary

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





## 2.1 Tables

 Primary Key

 Foreign Key





### 2.2.1 Payment Table

Payment- Fact Table			
payment_id		SERIAL	Payment Identification
customer_id		SMALLINT	Customer Identification
Staff_id		SMALLINT	Staff Identification
rental_id		INTEGER	Rental Identification
amount		NUMERIC(5,2)	Payment Amount
Payment_date		TIMESTAMP(6) WITHOUT TIME ZONE	Date of Payment

#### Links

Links To	Links From
Customer (customer_id)	
Staff (Staff_id)	
Rental (Rental_id)	




### 2.2.2 Rental Table

Rental-Fact Table			
rental_id		SERIAL	Rental Identification
rental_date		TIMESTAMP(6)WITHOUT TIME ZONE	Rental Date
inventory_id		INTEGER	Inventory Identification
customer_id		SMALLINT	Customer Identification
return_date		TIMESTAMP(6)WITHOUT TIME ZONE	Date of Return
staff_id		SMALLINT	Staff Identification
last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Tables To	Tables From
Customer (customer_id)	Payment (rental_id)
Inventory (inventory_id)	
Staff (staff_id)	





### 2.2.3 Store Table

Store- Dimension Table			
Store_id		SERIAL	Store identifier
Manager_staff_id		SMALLINT	Manager/staff identification
address_id		SMALLINT	Address identification
last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Tables To	Tables From
Staff (staff_id)	
Address (address_id)	



### 2.2.4 Film\_actor

Film_actor- Dimension Table			
Actor_id	 	SMALLINT	Actor Identification
Film_id	 	SMALLINT	Film Identification
Last_update		TIMESTAMP(6)WITHOUT TIME ZONE	Date last updated

#### Links

Table To	Table From
Actor (actor_id)	
Film (film_id)	





### 2.2.5 Inventory Table

Inventory- Dimensions Table			
Inventory_id		SERIAL	Inventory Identification
Film_id		SMALLINT	Film Identification
Store_id		SMALLINT	Store Identifier
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Table To	Table From
Film (film_id)	Rental (rental_id)



### 2.2.6 Film\_Category Table

Film_category-Dimension Table			
Film_id	 	SMALLINT	Film Identification
Category_id	 	SMALLINT	Category Identifier
Last_update		TIMESTAMP (6) WITHOUT TIME ZONE	Date last update

## Links

Tables To	Tables From
Film (film_id)	
Category (category_id)	



## 2.2.7 Customer Table

Customer- Dimension Table		
Customer_id 	SERIAL	Customer Identification
Store_id	SMALLINT	Store Identifier
First_name	CHARACTER VARYING (45)	First Name
Last_name	CHARACTER VARYING(45)	Last Name
Email	CHARACTER VARYING(50)	Email
Address_id 	SMALLINT	Address Identification
Activebool	BOOLEAN	
Create_date	DATE	Date Customer was created
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated
Active	INTEGER	Customer is active or not

## Links

Tables To	Tables From
Address (address_id)	Rental (customer_id)
	Payment (customer_id)


## 2.2.8 Staff Table

Staff-Dimension Table		
Staff_id 	SERIAL	Staff Identification
First_name	CHARACTER VARYING(45)	First Name
Last_name	CHARACTER VARYING(45)	Last Name
Address_id 	SMALLINT	Address Identification
Email	CHARACTER VARYING(50)	Email
Store_id	SMALLINT	Store Identifier
Active	BOOLEAN	Customer active or not
Username	CHARACTER VARYING(16)	Username
Password	CHARACTER VARYING(40)	Password
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated
picture	BYTEA	Picture

## Links

Tables To	Tables From
Address (address_id)	Payment (staff_id)
	Rental (staff_id)
	Store (staff_id)



## 2.2.9 Actor Table

Actor- Dimension Table			
Actor_id		SERIAL	Actor Identification
First_name		CHARACTER VARYING(45)	First Name
Last_name		CHARACTER VARYING(45)	Last Name
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

## Links

Tables To	Tables From
	Film_actor (actor_id)


## 2.2.10 Film Table

Film- Dimension Table			
Film_id		SERIAL	Film Identification
Title		CHARACTER VARYING(255)	Title
Description		TEXT	Movie Description
Release_year		Year	Release Year
Language_id		SMALLINT	Language Identifier
Rental_duration		SMALLINT	Rental Duration
Rental_rate		NUMERIC(5,2)	Cost of rental
Length		SMALLINT	Movie Length
Replacement_cost		NUMERIC(5,2)	Cost of movie replacement
Rating		mpaa_rating	Movie Rating
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated
Special_features		TEXT[]	Special features
fulltext		TSVECTOR	Full text

## Links

Tables To	Tables From
Language (language_id)	Inventory (film_id)
	Film_Category (film_id)
	Film_Actor (film_id)



### 2.2.11 Category Table

Category- Dimension Table			
Category_id		SERIAL	Category Identifier
Name		CHARACTER VARYING(25)	Category Name
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Table To	Table From
	Film_category (category_id)


### 2.2.12 Address Table

Address- Dimension Table			
Address_id		SERIAL	Address Identifier
Address		CHARACTER VARYING(50)	Address
Address2		CHARACTER VARYING(50)	Address line 2
District		CHARACTER VARYING(20)	District
City_id		SMALLINT	City Identifier
Postal_code		CHARACTER VARYING(10)	Postal Code
Phone		CHARACTER VARYING(20)	Phone Number
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Tables To	Tables From
City (city_id)	Store (address_id)
	Staff (address_id)
	Customer (address_id)

### 2.2.13 Language Table



Language- Dimension Table			
Language_id		SERIAL	Language identifier
Name		CHARACTER(20)	Name of language
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Tables To	Tables From
	Film (language_id)




### 2.2.14 City Table

City- Dimension Table			
City_id		SERIAL	City identifier
City		CHARACTER VARYING(50)	City
Country_id		SMALLINT	Country Identifier
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Tables To	Tables From
Country (country_id)	Address (city_id)

### 2.2.15 Country Table

Country- Dimension Table			
Country_id		SERIAL	Country Identifier
Country		CHARACTER VARYING(50)	Country
Last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Date last updated

#### Links

Tables To	Tables From
	City (country_id)