

DATA DICTIONARY

Fact Table

Payment		
Columns	Data Type	Description
payment_id	SERIAL	payment unique identifier
customer_id	SMALLINT	customer unique identifier
staff_id	SMALLINT	staff unique identifier
rental_id	INTEGER	rental unique identifier
amount	NUMERIC (5,2)	amount of payment received
payment_date	TIMESTAMP Without Time zone	date of payment

Rental		
Rental id	SERIAL	rental unique identifier
Rental_date	TIMESTAMP (6) Without Time Zone	date of rental
Inventory_id	INTEGER	inventory unique identifier

Customer_id	SMALLINT	customer unique identifier
Return_date	TIMESTAMP (6) Without Time Zone	date of return of the movie
Staff_id	SMALLINT	staff unique identifier
Last_update	TIMESTAMP (6) Without time zone	date of last update

Dimension Tables

Name of Table	Column	Data Type	Description
Film_actor	Actor_id	Smallint	Unique identifier of actor
	Film_id	Smallint	Unique identifier of film
	Last_update	Timestamp w/o Time Zone	Time of last update
Inventory	Inventory_id	Serial	Unique identifier of inventory
	Film_id	Smallint	Unique identifier of film
	Store_id	Smallint	Unique identifier of store
	Last_update	Timestamp w/o Time Zone	Time of last update
Film_category	Film_id	Smallint	Unique identifier of film
	Category_id	Smallint	Unique identifier of category
	Last_update	Timestamp w/o Time Zone	Time of last update

Customer	Customer_id	Smallint	Unique customer identifier
	Store_id	Smallint	Unique identifier of store
	First_name	Character Varying(45)	First name of customer
	Last_name	Character Varying(45)	Last name of customer

	Email	Character Varying(50)	Email address of customer
	Address_id	Smallint	Unique identifier of address
	Activebool	Boolean	Whether customer is active
	Create_date	Date	Date of customer profile creation
	Last_update	Timestamp w/o Time Zone	Time of last update
	Active	Integer	Active status represented by 0 or 1
Staff	Staff_id	Serial	Unique identifier of staff member
	First_name	Character Varying(45)	First name of staff member
	Last_name	Character Varying(45)	Last name of staff member
	Address_id	Smallint	Unique identifier of address
	Email	Character Varying(50)	Email address of staff member
	Store_id	Smallint	Unique identifier of store
	Active	Boolean	Whether staff member is active
	username	Character Varying(16)	Staff member's username
	Password	Character Varying(40)	Staff member's password
	Last_update	Timestamp w/o Time Zone	Time of last update
	Picture	Bytea	Picture of staff member
Actor	Actor_id	Serial	Unique identifier of actor
	First_name	Character Varying(45)	First name of actor
	Last_name	Character Varying(45)	Last name of actor
	Last_update	Timestamp w/o Time Zone	Time of last update
Film	Film_id	Serial	Unique identifier of film
	Title	Character Varying(255)	Title of film
	Description	Text	Description of film
	Release_year	Year	Year of film release
	Language_id	Smallint	Language of film
	Rental_duration	Smallint	Duration of rental

	Rental_rate	Numeric(4,2)	Rate of rental
	Length	Smallint	Length of film
	Replacement_cost	Numeric(5,2)	Replacement cost film
	Rating	Mpaa_rating	Rating of film
	Last_update	Timestamp w/o Time Zone	Time of last update
	Special_features	Text[]	Special features of film
	Fulltext	Tsvector	Film index; contains count of key words in description
Category	Category_id	Serial	Unique identifier of category
	Name	Character Varying(25)	Name of category
	Last_update	Timestamp w/o Time Zone	Time of last update
Address	Address_id	Serial	Unique identifier of address
	Address	Character Varying(50)	First line of address
	Address2	Character Varying(50)	Second line of address
	District	Character Varying(20)	District of address
	City_id	Small Int	Unique identifier of city
	Postal_code	Character Varying(10)	Postal code associated with address
	Phone	Character Varying(20)	Phone number for address
	Last_update	Timestamp w/o Time Zone	Time of last update
Language	Language_id	Serial	Unique identifier of language
	Name	Character Varying(20)	Name of language
	Last_update	Timestamp w/o Time Zone	Time of last update
City	City_id	Serial	Unique identifier of city
	City	Character Varying(50)	Name of city
	Country_id	Smallint	Unique identifier of country

	Last_update	Timestamp w/o Time Zone	Time of last update
Country	Country_id	Serial	Unique identifier of country
	Country	Character Varying(50)	Name of country
	Last_update	Timestamp w/o Time Zone	Time of last update