ROCKBUSTER

STEALTH DATA ANALYSIS PROJECT

DATA DICTIONARY

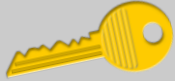# LEGEND

Symbol	Name	Description
🔑	Primary Key	A primary Key is a unique key that identifies each record in a table
➡️	Foreign Key	A foreign key refers to the primary key of another table

TABLE OF CONTENT

ENTITY RELATIONSHOP DIAGRAM (ERD)

FACT - PAYMENT

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑		payment_id	serial	Number given to the payment done		
		customer_id	int2	number given to the customer	➡️	Customer
		staff_id	int2	number given the the staff	➡️	Staff
		rental_id	int4	number given the the rental	➡️	Rental
		amount	numeric	Amount paid		
		payment_date	timestamp	Payment done date		

FACT – FILM_ACTOR

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑		actor_id	int2	Number given to the actor	➡	Actor
🔑		film_id	int2	Number given to the film	➡	FIlm
		last_update	timestamp	Date of last update entry		

FACT – FILM_CATEGORY

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑		film_id	int2	Number given to the film	➡️	Film
🔑		category_id	int2	Number given to the category of the film	➡️	Category
		last_update	timestamp	Date of last update entry		

FACT - STORE

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑		store_id	serial	number given to the store		
		manager_staff_id	int2	number given to the manager	➡️	Staff
		address_id	int2	Store address	➡️	Address
		last_update	timestamp	Date of last update entry		

DIMENSION - RENTAL

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	Payment_id	rental_id	serial	Unique number given to rental		
		rental_date	timestamp	Date of rentals		
		inventory_id	int4	Number given to inventory items	➡️	Inventory
		customer_id	int2	Number given to customers	➡️	Customer
		return_date	timestamp	Date of return of items		
		staff_id	int2	Number given to staff	➡️	Staff
		last_update	timestamp	Date of last update entry		

DIMENSION - CUSTOMER

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
		store_id	int2	Number given to the store		
		last_update	timestamp	Date of last update entry		
		last_name	varchar	Last name of the customer		
		first_name	varchar	First name of the customer		
		email	varchar	Email of the customer		
🔑	rental	customer_id	serial	Customer id of the customer		
		create_date	date	date the entry created		
		address_id	int2	Address id of the customer	➡️	Address
		activebool	bool	Activebool of the customer		
		active	int4	Customer active		

DIMENSION - ADDRESS

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	Customer, staff, store	address_id	varchar	Number given to address		
		address	varchar	Primary Address of the buyer		
		address2	varchar	Secondary address of the buyer		
		district	varchar	District of the buyer		
		city_id	varchar	Buyer's city	➡️	City
		postal_code	timestamp	Postal code of the buyer		
		phone	serial	Phone number of the buyer		
		last_update	int2	Date of last update entry		

DIMENSION - CITY

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	address	city_id	serial	Number given to city		
		city	varchar	Name of the city		
		country_id	int2	Number given to the country	➡	country
		last_update	timestamp	Date of last update entry		

DIMENSION - COUNTRY

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	Film_category	last_update	timestamp	Date of last update entry		
		country_id	serial	Number given to the country		
		country	varchar	Name of the country		

DIMENSION - ACTOR

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	actor_id	actor_id	serial	Number given to Actors		
		first_name	varchar	First name of Actor		
		last_name	varchar	Last name of Actor		
		last_update	timestamp	Date of last update entry		

DIMENSION - FILM

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	Film_actor, Inventory, Film_category	film_id	serial	Number given to the film		
		title	varchar	Title of the film		
		description	text	Film Description		
		release_year	year	Film release year		
		language_id	int2	Language of the film	➜	Language
		rental_duration	int2	Time the film was rente		
		rental_rate	numeric	Rate of the rente film		
		length	int2	Length of the film		
		replacement_cost	numeric	Replacement cost of the film		
		rating	mpaa_rating	Film rating		
		last_update	timestamp	Date of last update entry		
		special_features	_text	Special feature in the film		
		fulltext	tsvector	Keywords associated with the film		

DIMENSION - LANGUAGE

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	Film	language_id	serial	Number given to the language		
		name	bpchar	Language name		
		last_update	timestamp	Date of last update entry		

DIMENSION - CATEGORY

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	Film_category	category_id	serial	Number given to item category		
		name	varchar	Name of the category		
		last_update	timestamp	Date of last update entry		

DIMENSION – INVENTORY

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	rental	inventory_id	serial	Number given to inventory items		
		film_id	int2	Number given to the film	➡️	film
		store_id	int2	Number given to the store		
		last_update	timestamp	Date of last update entry		

DIMENSION - STAFF

Primary Key	Links From	Column	Type	Description	Foreign Key	Links To
🔑	Payment	staff_id	serial	Number given to the staff		
		first_name	varchar	Staff first name		
		last_name	varchar	Staff last name		
		address_id	int2	Address of the staff	➡️	Address
		email	varchar	email id of the staff		
		store_id	int2	number given to the store		
		active	bool	Keyword used by staff		
		username	varchar	Username usedby staff		
		password	varchar	password used by the staff		
		last_update	timestamp	Date of last update entry		
		picture	bytea	picture used by the staff		

FOR FURTHER QUERIES, CONTACT:

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THANK YOU