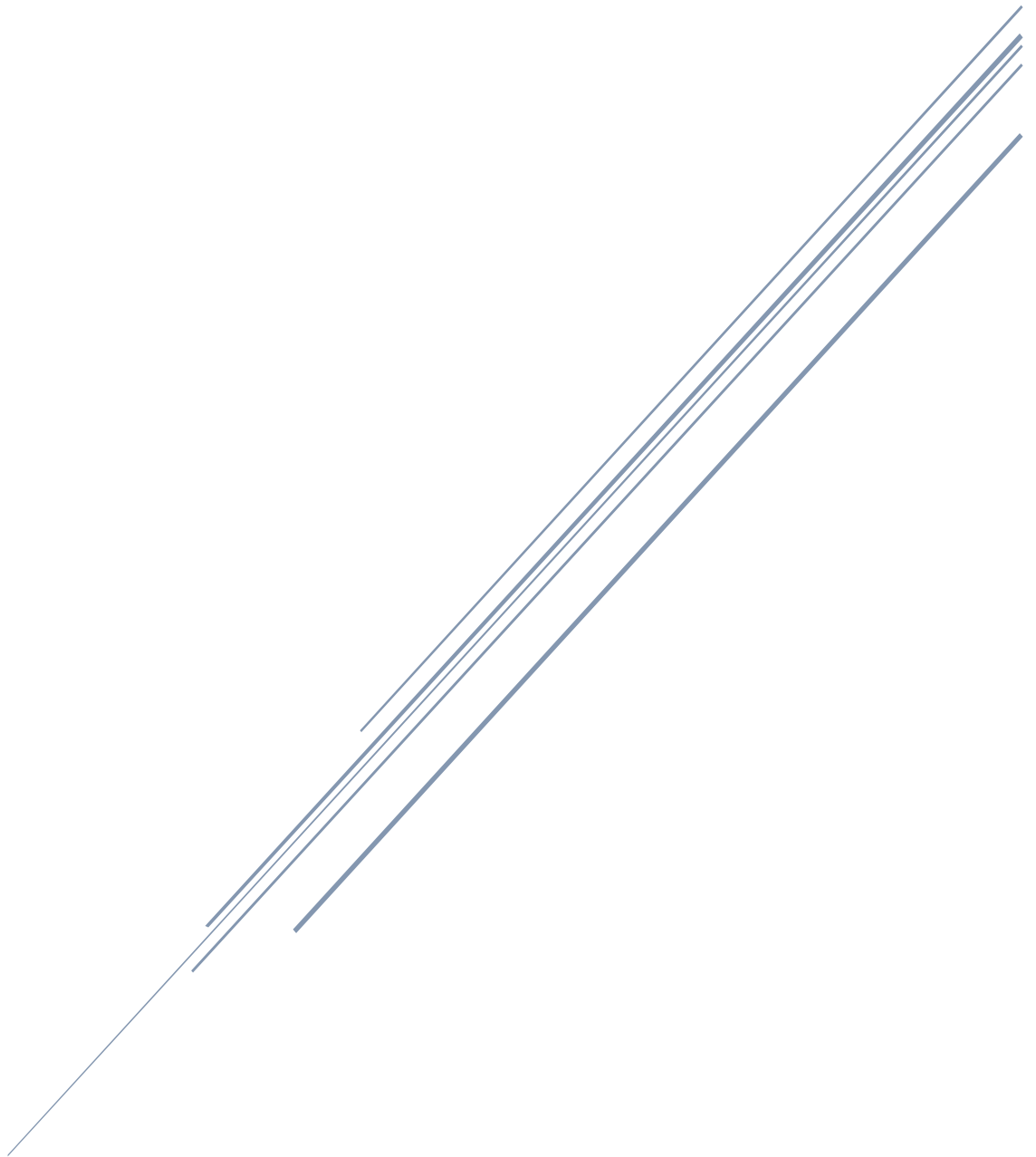


DATA DICTIONARY

Rockbusters Stealth Analysis



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1. Entity Relationship Diagram (ERD)



2. Tables

PK = Primary Key

FK = Foreign Key

2.1 Payment

Key	Column	Data Type	Description
PK	Payment_id	Serial	Unique Identifier for Payment
FK	Customer_id	Smallint	Unique Identifier for customer
FK	Staff_id	Smallint	Unique Identifier for Staff
FK	Rental_id	Integer	Unique Identifier for rental
	Amount	Numeric(5,2)	Amount paid for rental
	Payment date	Timestamp (6)without timezone	Date the payment was made

Links To

Table	Linked Columns
Customer	Customer_id
Staff	Staff_id
Rental	Rental_id

Links From

NA

2.2 Rental

Key	Column	Data Type	Description
PK	Rental_id	Serial	Unique Identifier for rental
	Rental_date	Timestamp (6)without timezone	Date the rental was made
FK	Inventory_id	Integer	Unique Identifier for inventory
FK	Customer_id	Smallint	Unique Identifier for customer
	Return_date	Timestamp (6)without timezone	Date the item was returned
FK	Staff_id	Smallint	Unique Identifier for staff that handled the transaction
	Last_update	Timestamp (6)without timezone	Date the record was updated

Links to

Table	Linked Columns
Customer	Customer_id
Staff	Staff_id
Inventory	Inventory_id

Links From

Table	Linked Columns
Payment	Rental_ID

2.3 Film Actor

Key	Column	Data Type	Description
PK	Actor_id	Smallint	Unique Identifier for actor
PK	Film_id	Smallint	Unique Identifier for film
	Last_update	Timestamp (6)without timezone	Date the record was updated

Links to

Table	Linked Columns
Actor	Actor_id
Film	Film_id

Links From

NA

2.4 Inventory

Key	Column	Data Type	Description
PK	Inventory_id	serial	Unique Identifier for inventory
FK	Film_id	Smallint	Unique Identifier for film
FK	Store_id	Smallint	Unique Identifier for store
	Last_update	Timestamp (6)without timezone	Date the record was updated

Links to

Table	Linked Columns
Film	Film_id

Links From

Table	Linked Columns
Store	Store_ID

2.5 Film Category

Key	Column	Data Type	Description
PK	Film_id	Smallint	Unique Identifier for film
PK	Category_id	Smallint	Unique Identifier for category
	Last_update	Timestamp (6)without timezone	Date the record was updated

Links to

Table	Linked Columns
Film	Film_id
Category	Category_id

Links From

NA

2.6 Customer

Key	Column	Data Type	Description
PK	Customer_id	serial	Unique Identifier for customer
FK	Store_id	Smallint	Unique Identifier for store
	First_name	Character Varying (45)	Customers first name
	Last_name	Character Varying (45)	Customers last name
	Email	Character Varying (50)	Customers email address
FK	Address_id	Smallint	Id for address
	activebool	Bollean	If customer is active
	Create_date	Date	When record was created
	Last_update	Timestamp (6)without timezone	When record was updated
	active	Integer	number

Links to

Table	Linked Columns
Address	Address_id

Links From

Table	Linked Columns
Store	Store_ID
Rental	Customer_id
Payment	Customer_id

2.7 Staff

Key	Column	Data Type	Description
PK	staff_id	serial	Unique Identifier for staff
	First_name	Character Varying (45)	Staff first name
	Last_name	Character Varying (45)	Staff last name
FK	Address_id	Smallint	Id for address
	Email	Character Varying (50)	Staff email address
FK	Store_id	Smallint	Unique Identifier for store
	Active	Bollean	If staff is active
	Username	Character Varying (16)	Username for staff
	Password	Character Varying (40)	Password for staff
	Last_update	Timestamp (6)without timezone	When record was updated
	picture	Bytea	Picture of staff

Links to

Table	Linked Columns
Address	Address_id

Links From

Table	Linked Columns
Store	Store_ID
Payment	Staff_id
Rental	Staff_id

2.8 Actor

Key	Column	Data Type	Description
PK	actor_id	serial	Unique Identifier for actor
	First_name	Character Varying (45)	Actor first name
	Last_name	Character Varying (45)	Actor last name
	Last_update	Timestamp (6)without timezone	When record was updated

Links To

NA

Links From

Table	Linked Columns
Film Actor	Actor_ID

2.9 Film

Key	Column	Data Type	Description
PK	film_id	serial	Unique Identifier for film
	Title	Character Varying (255)	Title of film
	Description	Text	Description of film
	Release_year	Year	Year the film was released
FK	Language_id	Smallint	Id for language
	Rental duration	Smallint	How long the film was rented
	Rental rate	Numeric (4,2)	Rental rate of the film
	Length	Smallint	Length of the film
	Replacement cost	Numeric (5,2)	Cost for replacement
	Rating	Mpaa_rating	Film rating
	Last_update	Timestamp (6)without timezone	When record was updated
	Special features	Text	Special features in the film
	fulltext	Tsvector	Index for film

Links To

Table	Linked Columns
Language	Language_id

Links From

Table	Linked Columns
Film Actor	Film_id
Inventory	Film_id
Category	Film_id

2.10 Category

Key	Column	Data Type	Description
PK	category_id	serial	Unique Identifier for category
	Name	Character Varying (25)	Category Name
	Last_update	Timestamp (6)without timezone	When record was updated

Links To

NA

Links From

Table	Linked Columns
Film Category	Category_ID

2.11 Language

Key	Column	Data Type	Description
PK	language_id	serial	Unique Identifier for language
	Name	Character Varying (20)	Language Name
	Last_update	Timestamp (6)without timezone	When record was updated

Links To

NA

Links From

Table	Linked Columns
Film	Language_ID