



ROCKBUSTER STEALTH


Data Dictionary

09-13-2023

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Legend

Primary key 

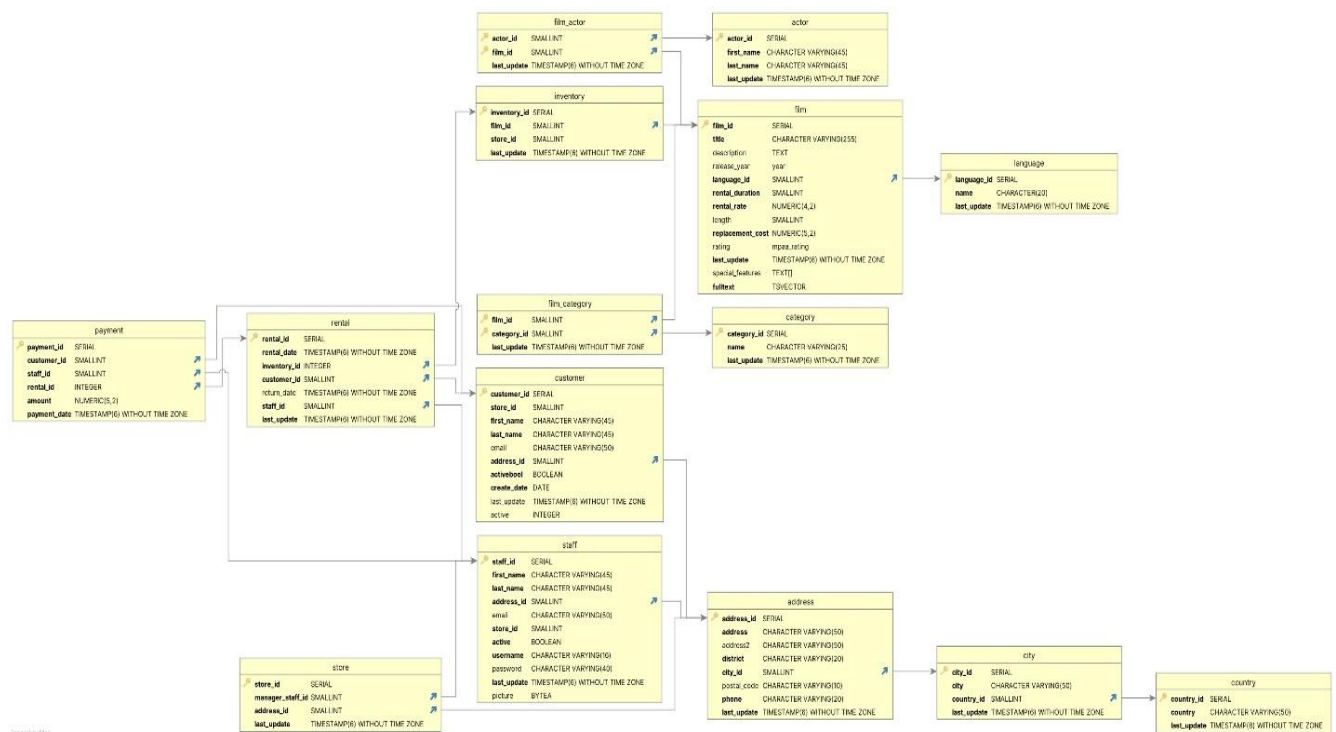
Foreign key 

1. Rockbuster Stealth

Rockbuster Stealth dataset contains information about the company's movie inventory, customers, and payments, among other things.

Click on the [link](#) to download the dataset.





2. Entity Relationship Diagram



3. Tables

3.1. Fact Tables





3.1.1. Table: payment

| Key | Column name | Data Type | Description |
|---|--------------|--------------------------------|--------------------------------|
|  | payment_id | serial | Unique id for payment records. |
|  | customer_id | smallint | Unique customer id number. |
|  | staff_id | smallint | Unique staff id number. |
|  | rental_id | integer | Unique rental id number. |
| | amount | numeric(5,2) | Amount of payment received. |
| | payment_date | timestamp(6) without time zone | Date and time of the payment. |

Links to

| Table | Join |
|----------|--|
| customer | payment.customer_id = customer.customer_id |
| staff | payment.staff_id = staff.staff_id |
| rental | payment.rental_id = rental.rental_id |



3.1.2. Table: film_actor

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|   | actor_id | smallint | Unique actor id. |
|   | film_id | smallint | Unique film id. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |

Links to

| Table | Join |
|-------|--------------------------------------|
| actor | film_actor.actor_id = actor.actor_id |
| film | film_actor.film_id = film.film_id |




3.1.3. Table: film_category

| Key | Column Name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | film_id | smallint | Unique film id. |
|  | category_id | smallint | Unique category id. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |

Links to

| Table | Join |
|----------|--|
| film | film_category.film_id = film.film_id |
| category | film_category.category_id = category.category_id |

3.1.4. Table: store





| Key | Column name | Data type | Description |
|---|------------------|--------------------------------|--|
|  | store_id | serial | Unique store id. |
|  | manager_staff_id | smallint | Unique staff id. |
|  | address_id | smallint | Unique address id. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |

Links to

| Table | Join |
|---------|---|
| staff | store.manager_staff_id = staff.staff_id |
| address | store.address_id = address.address_id |

3.2. Dimension Tables

3.2.1. Table: rental

| Key | Column name | Data Type | Description |
|---|--------------|--------------------------------|--|
|  | rental_id | serial | Unique id for rental records. |
| | rental_date | timestamp(6) without time zone | Date and time of rental. |
|  | inventory_id | integer | Unique inventory id. |
|  | customer_id | smallint | Unique customer id. |
| | return_date | timestamp(6) without time zone | Date and time of rental return. |
|  | staff_id | smallint | Unique staff id. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |



Links to

| Table | Join |
|-----------|--|
| inventory | rental.inventory_id = inventory.inventory_id |
| customer | rental.customer_id = customer.customer_id |
| staff | rental.staff_id = staff.staff_id |

Linked from

| Table | Join |
|---------|--------------------------------------|
| payment | payment.rental_id = rental.rental_id |

3.2.2. Table: inventory

| Key | Column name | Data type | Description |
|---|--------------|--------------------------------|--|
|  | inventory_id | serial | Unique id for inventory records. |
|  | film_id | smallint | Unique film id. |
| | store_id | smallint | Unique store id. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |



Links to

| Table | Join |
|-------|----------------------------------|
| film | inventory.film_id = film.film_id |

Linked from

| Table | Join |
|--------|--|
| rental | rental.inventory_id = inventory.inventory_id |

3.2.3. Table: film

| Key | Column name | Data type | Description |
|---|------------------|--------------------------------|---|
|  | film_id | serial | Unique film id. |
| | title | character varying(255) | Film title. |
| | description | text | Film description. |
| | release_year | year | Film release year. |
|  | language_id | smallint | Unique language id. |
| | rental_duration | smallint | Rental duration, in days. |
| | rental_rate | numeric(4,2) | Film rental rate. |
| | length | smallint | Film duration, in minutes. |
| | replacement_cost | numeric(5,2) | Cost of film replacement. |
| | rating | mpaa_rating | Film rating. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |
| | special_features | text[] | Special features of a film (e.g., trailers, behind the scenes). |
| | fulltext | tsvector | Film descriptive tags. |


Links to

| Table | Join |
|----------|---|
| language | film.language_id = language.language_id |

Linked from

| Table | Join |
|---------------|--------------------------------------|
| film_actor | film_actor.film_id = film.film_id |
| inventory | inventory.film_id = film.film_id |
| film_category | film_category.film_id = film.film_id |


3.2.4. Table: language

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | language_id | serial | Unique language id. |
| | name | character(20) | Language name. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |

Linked from

| Table | Join |
|-------|---|
| film | film.language_id = language.language_id |


3.2.5. Table: category

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | category_id | serial | Unique category id. |
| | name | character varying(25) | Name of a category. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |

Linked from

| Table | Join |
|---------------|--|
| film_category | film_category.category_id = category.category_id |



3.2.6. Table: actor

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | actor_id | serial | Unique actor id. |
| | first_name | character varying(45) | Actor's first name. |
| | last_name | character varying(45) | Actor's last name. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |

Linked from

| Table | Join |
|------------|--------------------------------------|
| film_actor | film_actor.actor_id = actor.actor_id |

3.2.7. Table: customer

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | customer_id | serial | Unique customer id. |
| | store_id | smallint | Unique store id. |
| | first_name | character varying(45) | Customer first name. |
| | last_name | character varying(45) | Customer last name. |
| | email | character varying(50) | Customer email address. |
|  | address_id | smallint | Unique address id. |
| | activebool | boolean | Customer status (true = active, false = not active). |
| | create_date | date | Date when a customer profile was created. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |
| | active | integer | Active status (0 or 1). |



Links to

| Table | Join |
|---------|--|
| address | customer.address_id = address.address_id |

Linked from

| Table | Join |
|--------|---|
| rental | rental.customer_id = customer.customer_id |

3.2.8. Table: staff

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | staff_id | serial | Unique staff id. |
| | first_name | character varying(45) | Staff member's first name. |
| | last_name | character varying(45) | Staff member's last name. |
|  | address_id | smallint | Unique address id. |
| | email | character varying(50) | Email address of a staff member. |
| | store_id | smallint | Unique store id. |
| | active | boolean | Staff member status (true = active, false = not active). |
| | username | character varying(16) | Username for a staff member account. |
| | password | character varying(40) | Password for a staff member account. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |
| | picture | bytea | Picture of a staff member. |



Links to

| Table | Join |
|---------|---------------------------------------|
| address | staff.address_id = address.address_id |

Linked from

| Table | Join |
|---------|---|
| payment | payment.staff_id = staff.staff_id |
| rental | rental.staff_id = staff.staff_id |
| store | store.manager_staff_id = staff.staff_id |

3.2.9. Table: address

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | address_id | serial | Unique address id. |
| | address | character varying(50) | Street address (first line). |
| | address2 | character varying(50) | Apt/Suite/Other (second line of address). |
| | district | character varying(20) | Address district. |
|  | city_id | smallint | Unique city id. |
| | postal_code | character varying(10) | Address postal code. |
| | phone | character varying(20) | Phone number. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |



Links to

| Table | Join |
|-------|--------------------------------|
| city | address.city_id = city.city_id |

Linked from

| Table | Join |
|----------|--|
| store | store.address_id = address.address_id |
| staff | staff.address_id = address.address_id |
| customer | customer.address_id = address.address_id |

3.2.10. Table: city

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | city_id | serial | Unique city id. |
| | city | character varying(50) | City name. |
|  | country_id | smallint | Unique country id. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |


Links to

| Table | Join |
|---------|--------------------------------------|
| country | city.country_id = country.country_id |

Linked from

| Table | Join |
|---------|--------------------------------|
| address | address.city_id = city.city_id |

3.2.11. Table: country

| Key | Column name | Data type | Description |
|---|-------------|--------------------------------|--|
|  | country_id | serial | Unique country id. |
| | country | character varying(50) | Country name. |
| | last_update | timestamp(6) without time zone | Date and time the record was last updated. |

Linked from

| Table | Join |
|-------|--------------------------------------|
| city | city.country_id = country.country_id |