

Rockbuster Stealth

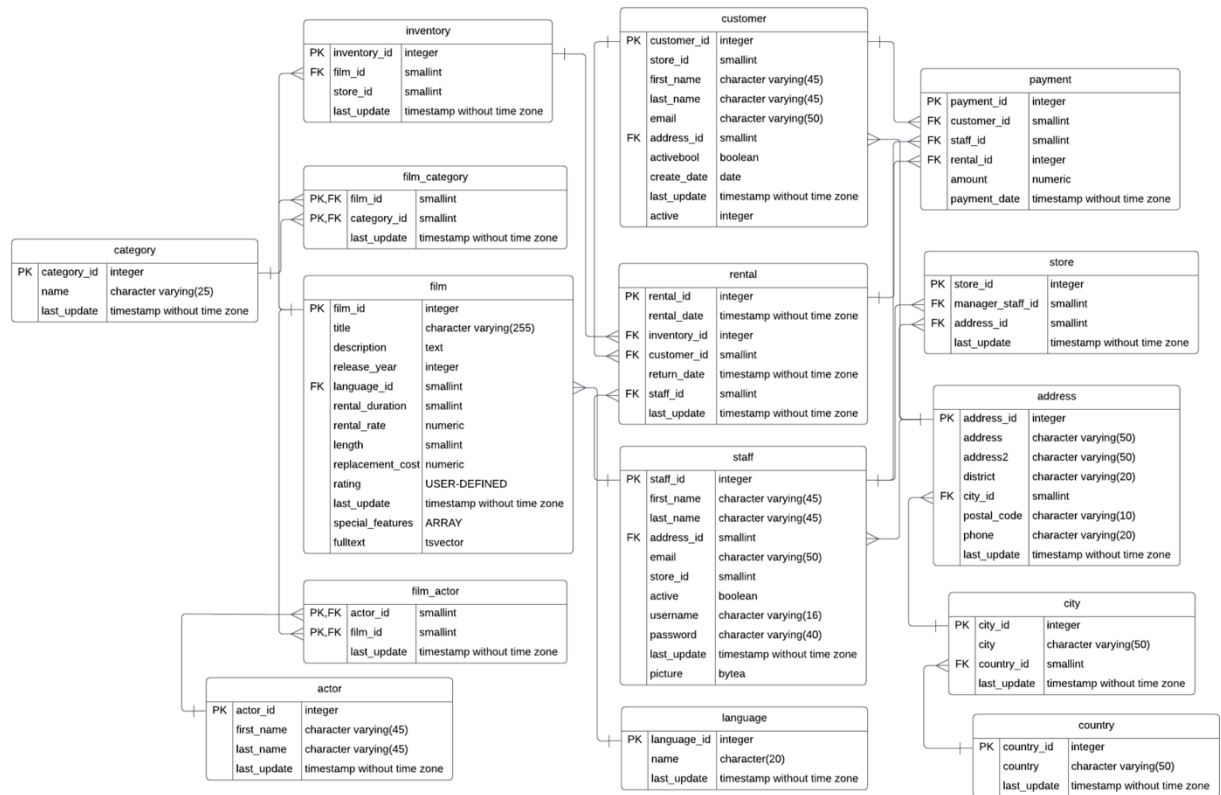
A Data Dictionary

2023

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Entity Relationship Diagram



Fact Table

| | | | |
|--------|--------------|-----------|----------------------|
| Rental | Rental_id | Integer | Rental ID number |
| | Rental_date | Timestamp | Rental date and time |
| | Inventory_id | Integer | Inventory ID number |
| | Customer_id | Smallint | Customer ID number |
| | Return_date | Timestamp | Timestamp |
| | Staff_id | Smallint | Staff ID number |
| | Last_update | Timestamp | Last updated time |

Dimension Tables

| Table | Columns | Data Type | Description |
|---------|--------------|---------------|-----------------------|
| Payment | Payment_id | Integer | Payment ID number |
| | Customer_id | Smallint | Customer ID number |
| | Staff_id | Smallint | Staff ID number |
| | Rental_id | Integer | Rental ID number |
| | Amount | Numeric (5,2) | Value USD |
| | Payment_date | Timestamp | Payment date and time |

| | | | |
|-------|------------------|-----------|---------------------------|
| Store | Store_id | Integer | Store id number |
| | Manager_Staff_id | Smallint | Manager staff id number |
| | Address_id | Smallint | Address ID number |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|-----------|--------------|-------------|---------------------------|
| Inventory | Inventory_id | Integer | Inventory ID number |
| | Film_id | Smallint | Film ID number |
| | Store_id | Smallint | Store ID number |
| | Last_update | Last_update | Last update date and time |

| | | | |
|----------|-------------|-------------------|---------------------------|
| Customer | Customer_id | serial | Customer id number |
| | Store_id | Smallint | Store id number |
| | First_name | Character Varying | First name |
| | Last_name | Character Varying | Last name |
| | Email | Character varying | Email |
| | Address_id | Smallint | Address id number |
| | Activebool | Boolean | Activebool |
| | Create_date | Date | Create date and time |
| | Last_update | Timestamp | Last update date and time |
| | Active | Integer | Active |

| | | | |
|-------|-------------|-------------------|---------------------------|
| Staff | Staff_id | Serial | Staff id number |
| | First_name | Character Varying | First name |
| | Last_name | Character Varying | Last name |
| | Address_id | Smallint | Address id number |
| | Email | Character Varying | Email |
| | Store_id | Smallint | Store id number |
| | Active | Boolean | Active |
| | Username | Character Varying | Staff username |
| | Password | Character Varying | Password |
| | Last_update | Timestamp | Last update date and time |
| | Picture | Bytea | Picture of employee |

| | | | |
|---------------|-------------|-----------|---------------------------|
| Film_category | Film_id | Smallint | Film id number |
| | Category_id | Smallint | Category id number |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|------------|-------------|-----------|---------------------------|
| Film_actor | Actor_id | Smallint | Actor id number |
| | Film_id | Smallint | Film id number |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|-------|-------------|-------------------|---------------------------|
| Actor | Actor_id | Serial | Actor id number |
| | First_name | Character Varying | First name |
| | Last_name | Character Varying | Last name |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|------|-----------------|-------------------|------------------------|
| Film | Film_id | Serial | Film id number |
| | Title | Character Varying | Title of movie |
| | Description | Text | Description of movie |
| | Release_year | Year | Release year |
| | Language_id | Smallint | Language id number |
| | Rental_duration | Smallint | Rental duration (days) |
| | Rental_rate | Numeric | Rental rate USD |

| | | | |
|--|------------------|-------------|---------------------------|
| | Length | Smallint | Length of movie |
| | Replacement_cost | Numeric | Replacement cost USD |
| | Rating | Mpaa_rating | Rating |
| | Last_update | Timestamp | Last update date and time |
| | Special_features | Text | Special features |
| | Fulltext | Tsvector | Fulltext |

| | | | |
|----------|-------------|-------------------|---------------------------|
| Category | Category_id | Serial | Category id number |
| | Name | Character Varying | Name |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|---------|-------------|-------------------|---------------------------|
| Address | Address_id | Serial | Address id number |
| | Address | Character Varying | Primary address |
| | Address2 | Character Varying | Secondary address |
| | District | Character Varying | District |
| | City_id | Smallint | City id number |
| | Postal_code | Character Varying | Postal code |
| | Phone | Character Varying | Phone number |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|----------|-------------|-----------|---------------------------|
| Language | Language_id | Serial | Language id number |
| | Name | Character | Name of language |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|------|-------------|-------------------|---------------------------|
| City | City_id | Serial | City id number |
| | City | Character Varying | City name |
| | Country_id | Smallint | Country id number |
| | Last_update | Timestamp | Last update date and time |

| | | | |
|---------|-------------|-------------------|---------------------------|
| Country | Country_id | Serial | Country id number |
| | Country | Character Varying | Country name |
| | Last_update | Timestamp | Last update date and time |