Data Dictionary: Rockbuster Stealth Data

A diagram of a company

Description automatically generated

Fact Table:

**rental**

|  |  |  |
| --- | --- | --- |
| **Columns** | **Data Type** | **Description** |
| rental\_id | SERIAL | Unique identification of a rental |
| rental\_date | TIMESTAMP(6) WITHOUT TIME ZONE | Date when the rental took place |
| inventory\_id | INTEGER | Unique identification on an inventory |
| customer\_id | SMALLINT | Unique identification of a customer |
| return\_date | TIMESTAMP(6) WITHOUT TIME ZONE | Date when the rental was returned |
| staff\_id | SMALLINT | Unique identification of the staff that did the transaction |
| last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Date when system was last saved |

Dimension Table:

**payment**

|  |  |  |
| --- | --- | --- |
| Columns | Data Type | Description |
| payment\_id | SERIAL | Unique identification for a payment |
| customer\_id | SMALLINT | Unique identification of a customer |
| staff\_id | SMALLINT | Unique identification of the staff that did the transaction |
| rental\_id | INTEGER | Unique identification of a rental |
| amount | NUMERIC(5,2) | Numeric value of the transaction |
| payment\_date | TIMESTAMP(6) WITHOUT TIME ZONE | Date when payment was issued |

**staff**

|  |  |  |  |
| --- | --- | --- | --- |
| staff\_id | | SERIAL | Unique identification of the staff that did the transaction |
| first\_name | | CHARACTER VARYING (45) | First name of the staff |
| last\_name | | CHARACTER VARYING (45) | Last name of the staff |
| address\_id | | SMALLINT | Unique identification on where staff lives |
| email | | CHARACTER VARYING (50) | Email address of the staff |
| store\_id | | SMALLINT | Unique identification of the store |
| active | | BOOLEAN | Shows if staff is online/offline |
| username | | CHARACTER VARYING (16) | Username of the staff |
| password | CHARACTER VARYING (40) | | Password of the staff for the log-in |
| last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | | Date when system was last updated |
| picture | BYTEA | | Picture of the staff |

**customer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| cutomer\_id | | SERIAL | | Unique identification of a customer |
| store\_id | | SMALLINT | | Unique identification of the store where customer went |
| first\_name | | CHARACTER VARYING (45) | | First name of the customer |
| last\_name | | CHARACTER VARYING (45) | | Last name of the customer |
| email | | CHARACTER VARYING (50) | | Email address of the customer |
| address\_id | | SMALLINT | | Unique identification on where customer lives |
| activebool | | BOOTLEAN | | Shows if customer is active |
| create\_date | | DATE | | Date when profile was created |
| last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | | Date when system was last updated | |
| active | INTEGER | | Shows if customer is active | |

**film\_category**

|  |  |  |
| --- | --- | --- |
| film\_id | SMALLINT | Unique identification for a film |
| category\_id | SMALLINT | Unique identification for a category |
| last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | When whas system was last updated |