

# Rockbuster Stealth LLC Report: Data Dictionary

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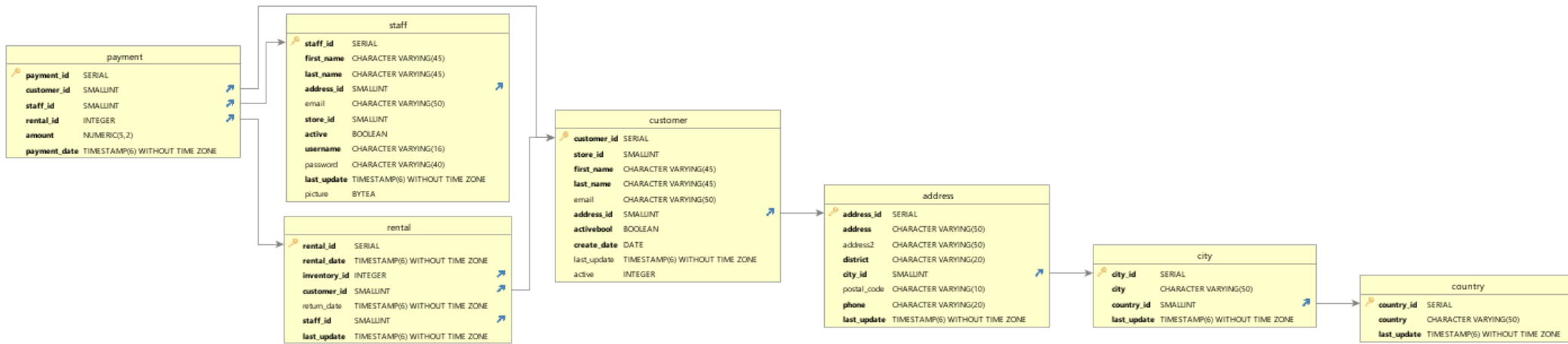
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Figure 1: Entity relationship diagram (ERD) for Rockbuster Stealth LLC.



### Fact Table

rental	Data Type	Description
rental_id	Serial	Primary key
rental_date	Timestamp	Date the rental period began
inventory_id	Int4	Foreign key referencing inventory table
customer_id	Int2	Foreign key referencing customer table
return_date	Timestamp	Date the rental film was returned
staff_id	Int2	Foreign key referencing staff table
last_update	timestamp	Date and time record was last updated

### Links From

Table	Join	Description
payment	payment.rental_id = rental.rental_id	Foreign key constraint referencing payment.rental_id

### Links To

Table	Join	Description
customer	rental.customer_id = customer.customer_id	Foreign key constraint referencing customer.customer_id

### Unique Keys

Key Name	Description
rental_id	Primary key for the rental table
inventory_id	Foreign key referencing the inventory table
customer_id	Foreign key referencing the customer table
staff_id	Foreign key referencing the staff table

### Dimension Tables

customer	Data Type	Description
customer_id	Serial	Primary key
store_id	Int2	Foreign key referencing store table
first_name	Varchar	The first name of the customer

last_name	Varchar	The surname of the customer
email	Varchar	The customer's email
address_id	Int2	Foreign key referencing address table
activebool	Bool	True/false
create_date	Date	Date and time customer profile was created
last_update	Timestamp	Date and time record was last updated
active	Int4	Whether the customer account is active. 1= active 0=inactive

#### Links From

Table	Join	Description
payment	payment.customer_id = customer.customer_id	Foreign key constraint referencing the payment table
rental	rental.customer_id = customer.customer_id	Foreign key constraint referencing the rental table

#### Links To

Table	Join	Description
address	customer.address_id = address.address_id	Foreign key constraint referencing the address table

#### Unique Keys

Key Name	Description
customer_id	Primary key
store_id	Foreign key foreign key referencing the store table
address_id	Foreign key referencing the store table

address	Data Type	Description
address_id	Serial	Primary key
address	Varchar	Street address
address2	Varchar	Alternate street address
district	Varchar	State or province name
city_id	Int2	Foreign key referencing city table
postal_code	Varchar	The local postal code for this address
phone	Varchar	Telephone identification number

last_update	Timestamp	Date and time record was last updated
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#### Links From

Table	Join	Description
customer	customer.address_id = address.address_id	Foreign key constraint referencing the customer table

#### Links To

Table	Join	Description
city	address.address_id = city.address_id	Foreign key constraint referencing the city table

#### Unique Keys

Key Name	Description
address_id	Primary key
city_id	Foreign key constraint referencing the city table

city	Data Type	Description
city	Serial	City name
city_id	Int2	Primary key
country_id	Varchar	Foreign key referencing country table
last_update	Timestamp	Date and time record was last updated

#### Links From

Table	Join	Description
address	address.city_id = city.city_id	Foreign key constraint referencing the address table

#### Links To

Table	Join	Description
country	city.country_id = country.country_id	Foreign key constraint referencing the country table

## Unique Keys

Key Name	Description
city_id	Primary key
country_id	Foreign key constraint referencing the country table

country	Data Type	Description
country_id	Serial	Primary key
country	Varchar	Country name
last_update	timestamp	Date and time record was last updated

## Links From

Table	Join	Description
city	city.country_id = country.country_id	Foreign key constraint referencing the city table

## Unique Keys

Key Name	Description
country_id	Primary key

staff	Data Type	Description
staff_id	Serial	Primary key
first_name	Varchar	First name of the Rockbuster employee
last_name	Varchar	Surname of the Rockbuster employee
address_id	int2	Foreign key referencing address table
email	Varchar	The Rockbuster employee's email address
store_id	int2	Foreign key referencing store table
active	Bool	True/false
username	Varchar	Network login ID
password	Varchar	Network login password
last_update	Timestamp	Date and time record was last updated
picture	Bytea	"Binary data" "Null"

#### Links From

Table	Join	Description
payment	payment.staff_id = staff.staff_id	Foreign key constraint referencing the payment table

#### Links To

Table	Join	Description
customer	customer.store_id = staff.store_id	Foreign key constraint referencing the customer table

#### Unique Keys

Key Name	Description
staff_id	Primary key
address_id	Foreign key constraint referencing the