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Data Dictionary

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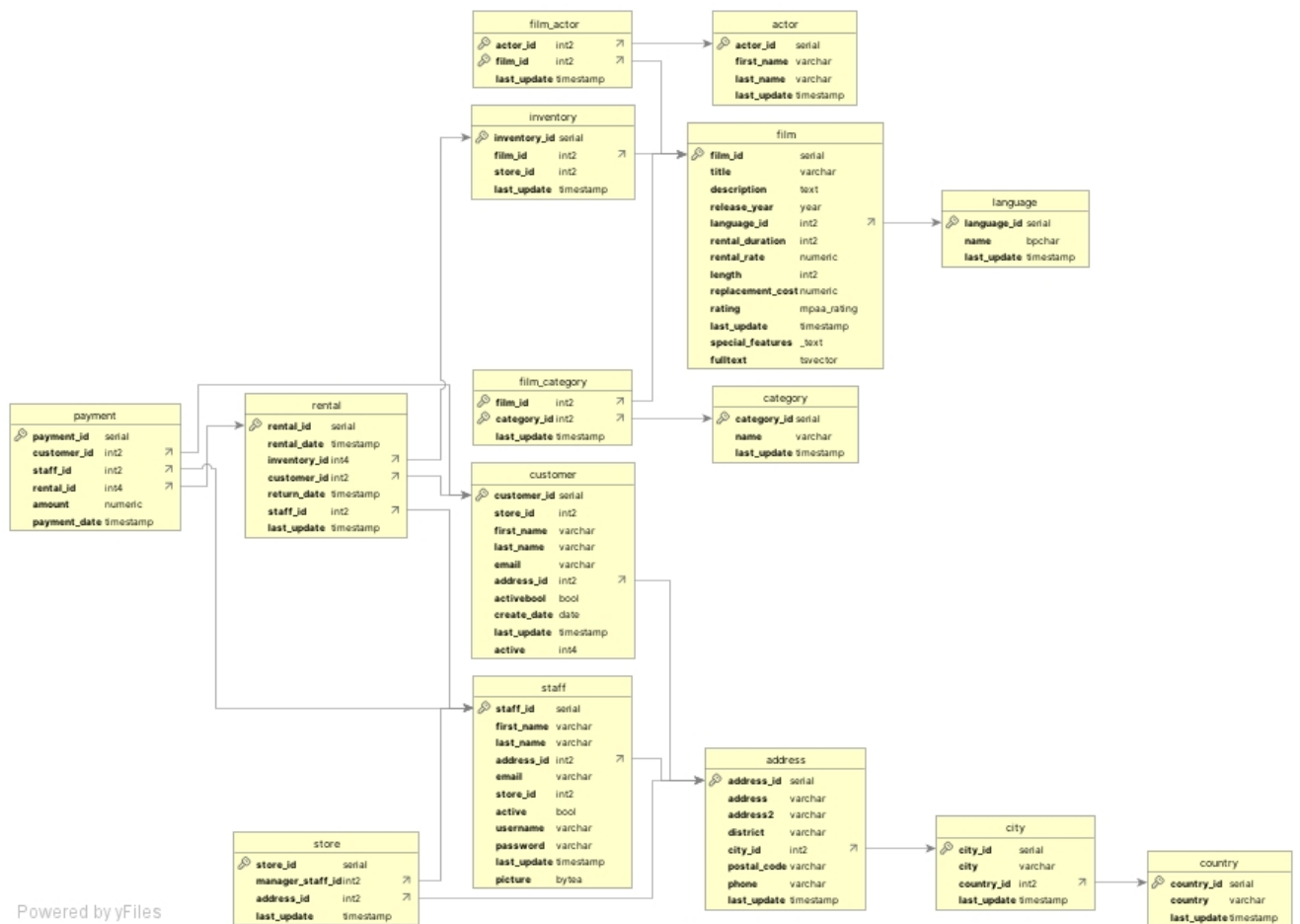
Data analyst

Rockbuster Stealth LLC

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A. Rockbuster ERD



B. Fact Tables

B.1. Rental

Primary Key	Links To	Columns:
rental_id	inventory_id → inventory.inventory_id customer_id → customer.customer_id staff_id → staff.staff_id	<ul style="list-style-type: none"> • rental_id (serial) • rental_date (timestamp) • inventory_id (int2) • customer_id (int2) • return_date (timestamp) • staff_id (int2) • last_update (timestamp)

B.2. Payment

Primary Key	Links To	Columns:
payment_id	customer_id → customer.customer_id staff_id → staff.staff_id rental_id → rental.rental_id	<ul style="list-style-type: none"> • payment_id (serial) • customer_id (int2) • staff_id (int2) • rental_id (int4) • amount (numeric) • payment_date (timestamp)

C. Dimension Tables

C.1. Customer

Primary Key	Links From	Links To	Columns
customer_id	rental.customer_id payment.customer_id	store_id → store.store_id address_id → address.address_id	<ul style="list-style-type: none"> customer_id (serial) store_id (int2) first_name (varchar) last_name (varchar) email (varchar) address_id (int2) activebool (bool) create_date (date) last_update (timestamp) active (int4)

C.2. Store

Primary Key	Links From	Links To	Columns
store_id	customer.store_id staff.store_id inventory.store_id	manager_staff_id → staff.staff_id address_id → address.address_id	<ul style="list-style-type: none"> store_id (serial) manager_staff_id (int2) address_id (int2) last_update (timestamp)

C.3. Staff

Primary Key	Links From	Links To	Columns
staff_id	rental.staff_id payment.staff_id store.manager_staff_id	address_id → address.address_id store_id → store.store_id	<ul style="list-style-type: none"> staff_id (serial) first_name (varchar) last_name (varchar) address_id (int2) email (varchar) store_id (int2) username (varchar) password (varchar) picture (bytea) last_update (timestamp)

C.4. Film

Primary Key	Links From	Links To	Columns
film_id	inventory.film_id film_category.film_id film_actor.film_id	language_id → language.language_id	<ul style="list-style-type: none"> • film_id (serial) • title (varchar) • description (text) • release_year (year) • language_id (int2) • rental_duration (int2) • rental_rate (numeric) • length (int2) • replacement_cost (numeric) • rating (mpaa_rating) • last_update (timestamp) • special_features (text) • fulltext (tsvector)

C.5. Category

Primary Key	Links From	Links To	Columns
category_id	film_category.category_id	language_id → language.language_id	<ul style="list-style-type: none"> • category_id (serial) • name (varchar) • last_update (timestamp)

C.6. Film_category

Composite Key	Links From	Links To	Columns
(film_id, category_id)		film_id → film.film_id category_id → category.category_id	<ul style="list-style-type: none"> • film_id (int2) • category_id (int2) • last_update (timestamp)

C.7. Language

Primary Key	Links From	Links To	Columns
language_id	film.language_id	language_id → language.language_id	<ul style="list-style-type: none"> language_id (serial) name (bpchar) last_update (timestamp)

C.8. Actor

Primary Key	Links From	Links To	Columns
actor_id	film_actor.actor_id		<ul style="list-style-type: none"> actor_id (serial) first_name (varchar) last_name (varchar) last_update (timestamp)

C.9. Film_actor

Composite Key	Links From	Links To	Columns
(film_id, actor_id)		actor_id → actor.actor_id film_id → film.film_id	<ul style="list-style-type: none"> actor_id (int2) film_id (int2) last_update (timestamp)

C.10. Inventory

Primary Key	Links From	Links To	Columns
inventory_id	rental.inventory_id	film_id → film.film_id store_id → store.store_id	<ul style="list-style-type: none"> inventory_id (serial) film_id (int2) store_id (int2) last_update (timestamp)

C.11. Address

Primary Key	Links From	Links To	Columns
address_id	customer.address_id staff.address_id store.address_id	city_id → city.city_id	<ul style="list-style-type: none"> • address_id (serial) • address (varchar) • address2 (varchar) • district (varchar) • city_id (int2) • postal_code (varchar) • phone (varchar) • last_update (timestamp)

C.12. City

Primary Key	Links From	Links To	Columns
city_id	address.city_id	country_id → country.country_id	<ul style="list-style-type: none"> • city_id (serial) • city (varchar) • country_id (int2) • last_update (timestamp)

C.13. Country

Primary Key	Links From	Links To	Columns
country_id	city.country_id	country_id → country.country_id	<ul style="list-style-type: none"> • country_id (serial) • country (varchar) • last_update (timestamp)