



Data Dictionary

ROCKBUSTER STEALTH

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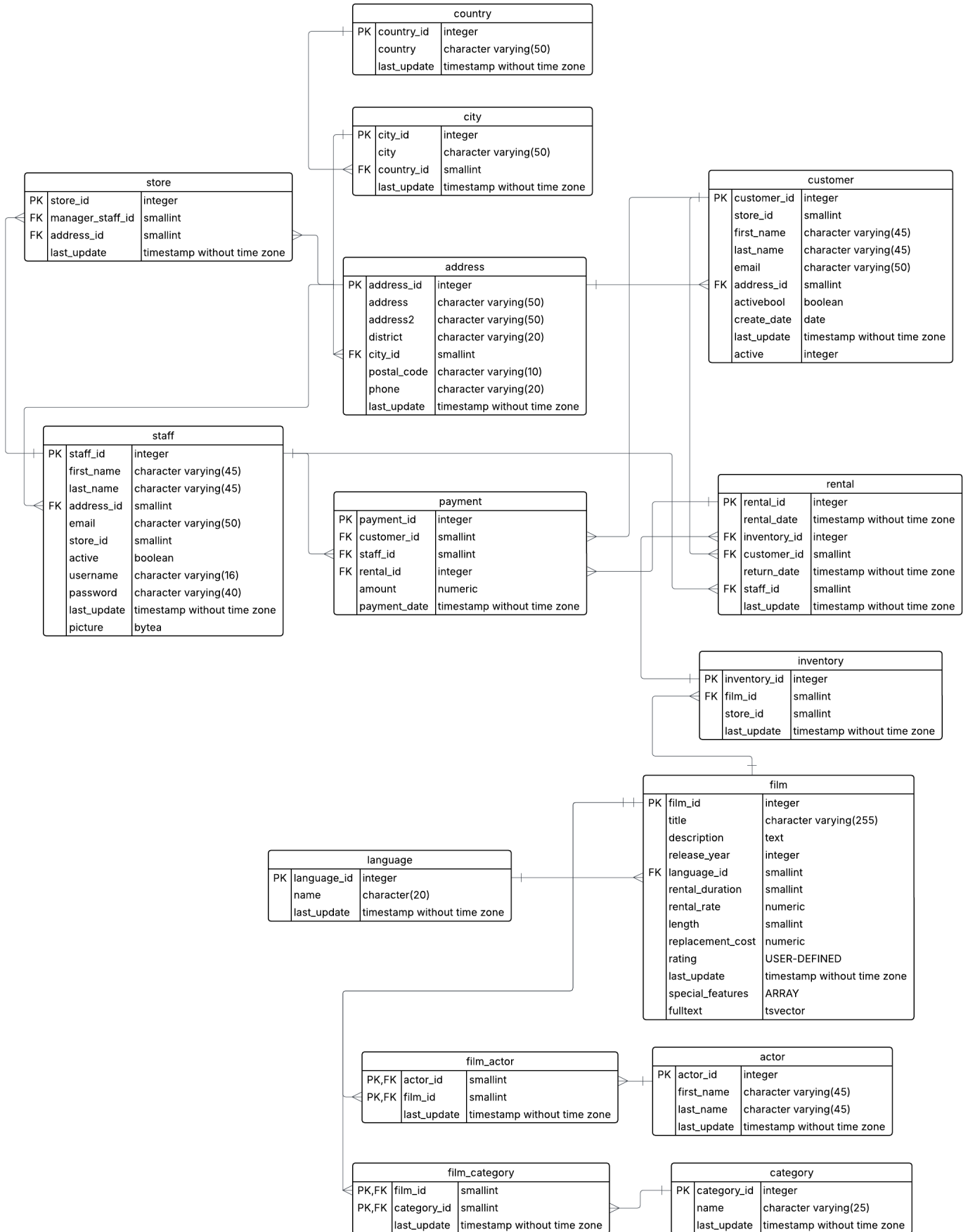
Data Analyst



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Rockbuster Entity Relationship Diagram

















Legend

	Primary Key
	Foreign Key
	Links TO Table
	Links FROM Table







Fact Tables



Table	Columns	Data Type	Description	Table Relations
payment	payment_id	integer	 unique id for payment	
	customer_id	smallint	 unique id for customer	 customer
	staff_id	smallint	 unique id for the staff	 staff
	rental_id	integer	 unique id for rentals	 rental
	amount	numeric	payment amount	
	payment_date	timestamp w/o time zone	payment date	







rental	rental_id	integer	 unique id for rentals	 payment
	rental_date	timestamp w/o time zone	rental start date	
	inventory_id	integer	 unique id for inventory	 inventory
	customer_id	smallint	 unique id for customer	 customer
	return_date	timestamp w/o time zone	rental return date	
	staff_id	smallint	 unique id for the staff	 staff
	last_update	timestamp w/o time zone	record's last update timestamp	


inventory	inventory_id	integer	 unique id for inventory	 rental
	film_id	smallint	 unique id for films	 film
	store_id	smallint	 unique id for stores	 store (not enforced)
	last_update	timestamp w/o time zone	record's last update timestamp	





Dimension Tables


Table	Columns	Data Type	Description	Table Relations
film	film_id	integer	 unique id for film	 film_actor  film_category  inventory
	title	character varying (255)	film title	
	description	text	film description	
	release_year	integer	film release year	
	language_id	smallint	 unique id for language	 language
	rental_duration	smallint	rental duration in days	
	rental_rate	numeric	rental cost	
	length	smallint	film length in minutes	
	replacement_cost	numeric	film replacement cost	
	rating	user-defined	film mpaa rating	
	last_update	timestamp w/o time zone	record's last update timestamp	
	special_features	array	special features included with film	
	fulltext	tsvector	film's tsvector data for search	




language	language_id	smallint	 unique id for language	 film
	name	character (20)	language name	
	last_update	timestamp w/o time zone	record's last update timestamp	




film_actor	actor_id	smallint	 unique id for actor (half of film_actor PK)	
			 unique id for actor	 actor
	film_id	smallint	 unique id for film (half of film_actor PK)	
			 unique id for film	 film
	last_update	timestamp w/o time zone	record's last update timestamp	






actor	actor_id	smallint	 unique id for actor	↔ film_actor
	first_name	character varying (45)	actor's first name	
	last_name	character varying (45)	actor's last name	
	last_update	timestamp w/o time zone	record's last update timestamp	






film_category	film_id	smallint	 unique id for film (half of film_category PK)	
			 unique id for film	↔ film
	category_id	smallint	 unique id for category (half of film_category PK)	
			 unique id for category	↔ category
	last_update	timestamp w/o time zone	record's last update timestamp	





category	category_id	smallint	 unique id for film category	↔ film_category
	name	character varying (25)	category name	
	last_update	timestamp w/o time zone	record's last update timestamp	



customer	customer_id	smallint	 unique id for customer	↔ payment ↔ rental
	store_id	smallint	 unique id for store	↔ store (not enforced)
	first_name	character varying (45)	customer's first name	
	last_name	character varying (45)	customer's last name	
	email	character varying (50)	customer's email	
	address_id	smallint	 unique id for address	↔ address
	activebool	boolean	true/false statement	
	create_date	date	date record was created	
	last_update	timestamp w/o time zone	record's last update timestamp	
	active	integer	a binary yes/no	

address	address_id	smallint	 unique id for address	<..> customer <..> store <..> staff
	address	character varying (50)	address line 1	
	address2	character varying (50)	address line 2	
	district	character varying (20)	district, state, or region	
	city_id	smallint	 unique id for city	 city
	postal_code	character varying (10)	postal code	
	phone	character varying (20)	phone number	
	last_update	timestamp w/o time zone	record's last update timestamp	

staff	staff_id	smallint	 unique id for staff	<..> payment
	first_name	character varying (45)	staff's first name	
	last_name	character varying (45)	staff's last name	
	address_id	smallint	 unique id for address	 address
	email	character varying (50)	staff's email	
	store_id	smallint	 unique id for store	 store (not enforced)
	active	boolean	true/false statement	
	username	character varying (16)	staff's username	
	password	character varying (40)	staff's password	
	last_update	timestamp w/o time zone	record's last update timestamp	
	picture	bytea	picture image of staff	

store	store_id	smallint	 unique id for store	<..> staff <..> customer <..> inventory (none are enforced)
	manager_staff_id	smallint	 unique id for manager staff	 staff
	address_id	smallint	 unique id for address	 address
	last_update	timestamp w/o time zone	record's last update timestamp	

city	city_id	smallint	 unique id for city	 address
	city	character varying (50)	city name	
	country_id	smallint	 unique id for country	 country
	last_update	timestamp w/o time zone	record's last update timestamp	

country	country_id	smallint	 unique id for country	 city
	country	character varying (50)	country name	
	last_update	timestamp w/o time zone	record's last update timestamp	