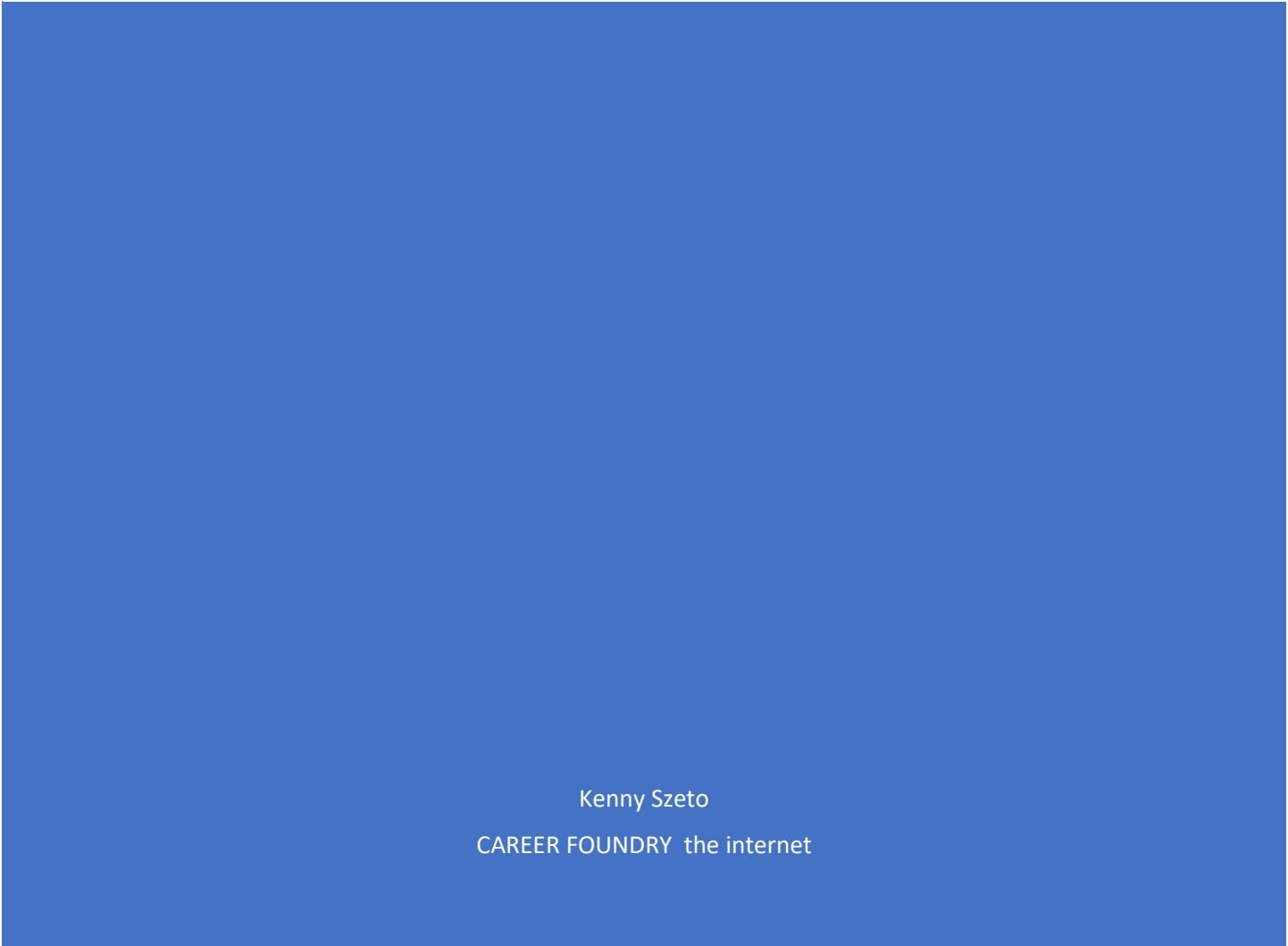




ROCKBUSTER DATA DICTIONARY

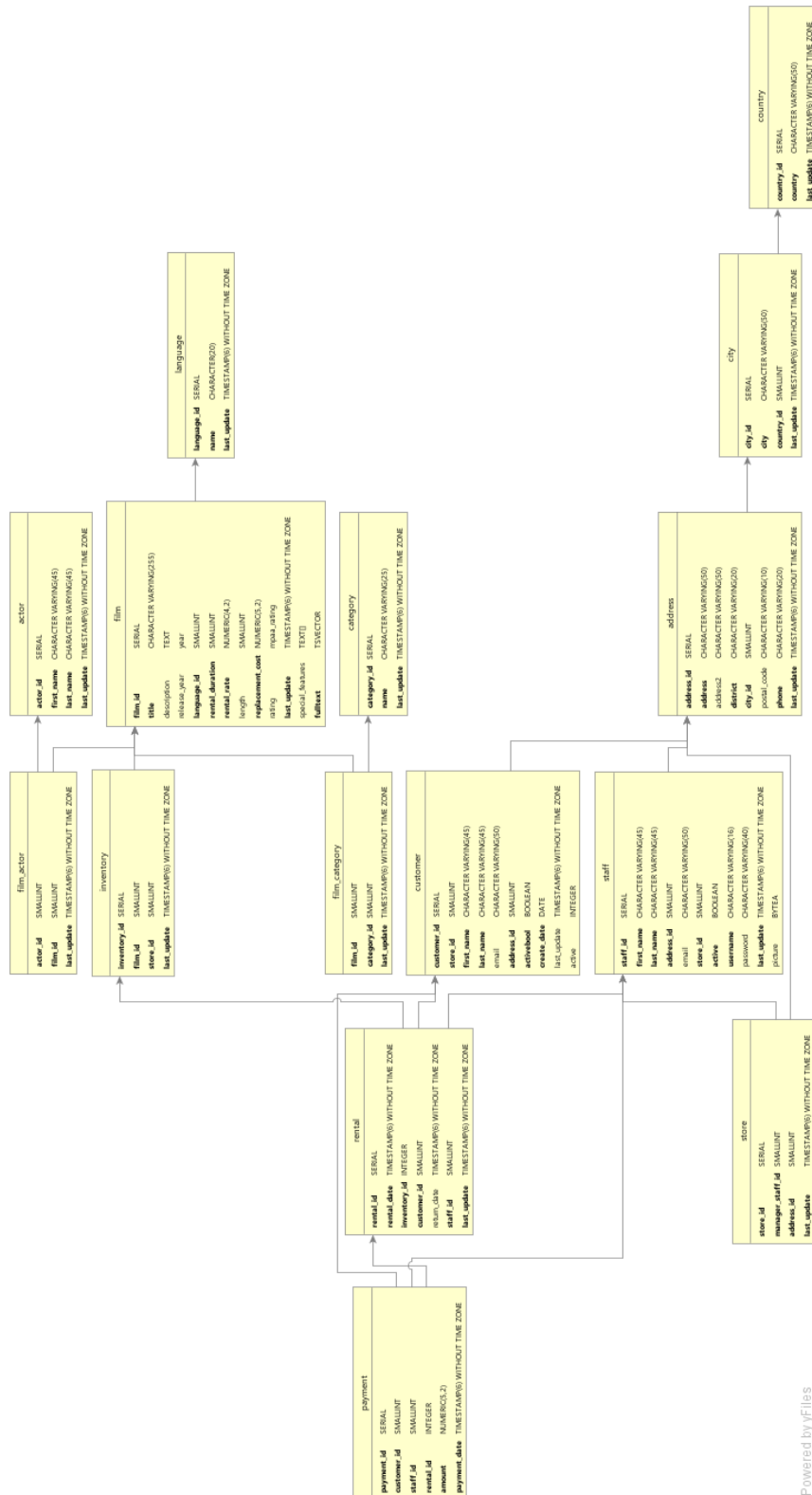


Kenny Szeto
CAREER FOUNDRY the internet

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Entity Relationship Diagram



Legend

Primary Key	column_name-KEY
Foreign Key	column_name-key

Tables

Fact Table

Table Name: Payment

Columns	Data Type	Description	Links to
Payment_id-KEY	Serial	The id assigned for record keeping.	
Customer_id-key	SMALLINT	Customer id of the movie renter	Customer
Staff_ID-key	SMALLINT	The unique ID assigned to the staff member who processed the transaction.	Staff
Rental_id-key	Integer	The Unique ID assigned to each movie rental	Rental
Amount	Numeric(5,2)	The amount paid by the customer	
Payment date	TIMESTAMP(6) WITHOUT TIME ZONE	Time of payment	

Table Name: Rental

Columns	Data Type	Description	Links to
rental_id-KEY	SERIAL	The unique ID assigned to each movie rental	payment
rental_date	TIMESTAMP(6) Without Time Zone	Time and date of rental	
Inventory_id-key	INTEGER	Unique ID for record keeping	inventory
Customer_id-key	SMALLINT	Unique ID for customer who rented the movie	customer
Return_date	TIMESTAMP(6) without time zone	The data and time of movie return	
Staff_id-key	SMALLINT	The id assigned to each staff	staff
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	

Dimension Tables

Table Name: Inventory

Columns	Data Type	Description	Links to
Inventory_id-KEY	Serial	Unique ID for record keeping	rental
Film_id-key	SMALLINT	The Unique ID assigned to each movie	film
Store_id-key	SMALLINT	The unique ID assigned to each store	Table Name: Store
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated status	

Table Name: Customer

Columns	Data Type	Description	Links to
Customer_id-KEY	SERIAL	Customer ID for the customer renting the movie.	Table Name: Payment Table Name: Rental
Store_id-key	SMALLINT	The Unique ID assigned to each store.	Table Name: Store
First_Name	Character Varying (45)	First name of customer	
Last_Name	Character Varying (45)	Last name of customer	
Email	Character Varying (45)	Email address of customer	
Address_id-key	SMALLINT	mailing address of customer	Table Name: Address
Activebool	BOOLEAN	Active Status of customer	
Create_date	DATE	Date the customer was added to the system.	
Last_update	TIMESTAMPS(6) without time zone	Last update	
Active	INTEGER	Client Active Status	

Table Name: Staff

Columns	Data Type	Description	Links to
Staff_id-KEY	Serial	Unique ID assigned to each staff member.	Table Name: Staff
First_name	Character Varying (45)	First name of staff	
Last_name	Character Varying (45)	Last name of staff	
Address_id-key	SMALLINT	Mailing address of staff	Table Name: Address
Email	Character Varying (50)	Email address of staff	

Store_id-key	SMALLINT	Unique ID assigned to each store	Table Name: Store
Active	BOOLEAN	Status of staff: Active or inactive	
Username	CHARACTER VARYING (16)	Username of staff	
Password	Character Varying (40)	Password of staff	
Last_update	TIMESTAMP(6) Without time zone	Time of last updated status	
Picture	Bytea	Image of staff	

Table Name: Store

Columns	Data Type	Description	Links to
Store_id-KEY	SERIAL	The unique id assigned to each store	Table Name: Customer Table Name: Inventory Table Name: Staff
Manager_staff_ID	SMALLINT	ID of Manager	
Address_id-key	SMALLINT	Address of the store	Table Name: Address
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time of last updated status	

Table Name: Film Category

Columns	Data Type	Description	Links to
Film_id-KEY	SMALLINT	The Unique id assigned to each movie	Table Name: Film
Category_id-key	SMALLINT	The unique id assigned to each movie category	Table Name: Film
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time of last updated status	

Table Name: Film Actor

Columns	Data Type	Description	Links to
Actor_id-KEY	SMALLINT	The unique id assigned to an actor/actress	Table Name: Actor
Film_id-key	SMALLINT	The unique id assigned to each movie	Table Name: Film
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last updated Status	

Table Name: Actor

Columns	Data Type	Description	Links to
Actor_ID-KEY	SERIAL	The unique ID assigned to an actor/actress	Table Name: Film Actor
First_name	Character Varying (45)	First Name of Actor/actress	
Last_name	Character Varying (45)	Last Name of actor/actress	
Last_Update	TIMESTAMP (6) without time zone	Time of last updated status	

Table Name: Film

Columns	Data Type	Description	Links to
Film_id-KEY	Serial	The unique Id assigned to each movie	Table Name: Film Actor Table Name: Film Category Table Name: Inventory
Title	CHARACTER VARYING(255)	Title of the movie	
Description	TEXT	Description of the movie	
Release_year	Year	Year of release	
Language_id-KEY	SMALLINT	ID assigned to language(s) movie is available in	Table Name: language
Rental_duration	SMALLINT	Length of time the movie was rented out for	
Rental_rate	NUMERIC(4,2)	Price of rental	
Length	SMALLINT	Duration of movie	
Replacement_cost	NUMERIC(5,2)	Cost to replace the movie it lost or stolen.	
Rating	Mpaa-rating	Movie rating	
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time of last updated status	
Special-features	TEXT[]	Special Features of movie (HD, Subtitles, CC, etc.)	
Fulltext	TSVECTOR	Key Words	

Table Name: Category

Columns	Data Type	Description	Links to
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Category_id-KEY	Serial	The unique id assigned to each movie category	Table Name: Film Category
Name	CHARACTER VARYING(25)	Name of Category	
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time of last updated Status	

Table Name: Address

Columns	Data Type	Description	Links to
Address_id-KEY	Serial	Postal address of the store	Table Name: Customer Table Name: Staff Table Name: Store
Address	Character Varying (50)	Postal Address of the store	
Address2	Character Varying (50)	Postal Address of the store	
District	Character Varying (50)	District of the store	
City_id-key	SMALLINT	City of store	Table Name: City
Postal_code	CHARACTER VARYING (10)	Zip Code	
Phone	Character Varying (20)	Phone number of store	
Last_update	Timestamp(6) without timezone	Time of last updated status	

Table Name: language

Columns	Data Type	Description	Links to
Language_id-KEY	SERIAL	ID assigned to language movie is available in	Table Name: Film
Name	Character(20)	Name of language	
Last_update	TIMESTAMP(6) Without Time Zone	Time of last updated status	

Table Name: City

Columns	Data Type	Description	Links to
City_id-KEY	SERIAL	ID assigned to city	Table Name: Address
Name	CHARACTER VARYING(50)	Name of City	
Country_id-key	SMALLINT	Country Code	Table Name: Country
Last_Update	TIMESTAMP(6) without time zone	Time of last updated Status	

Table Name: Country

Columns	Data Type	Description	Links to
Country_id-KEY	Serial	Country Code	Table Name: City
Country	CHARACTER VARYING(50)	Name of Country	
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time of last updated status	