

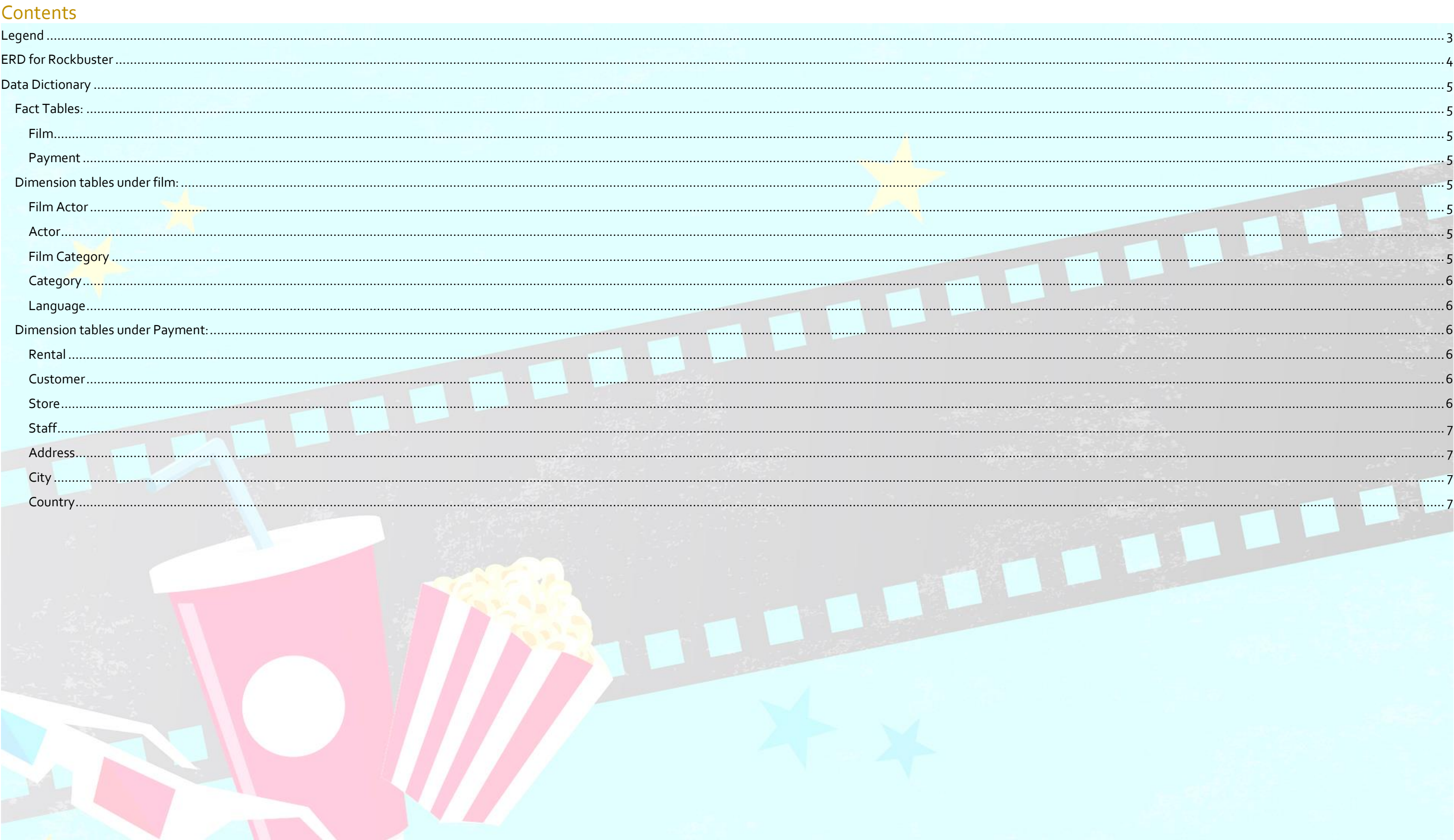
The background is a light blue gradient with a film strip winding across it. There are several yellow stars in the upper left and one in the upper right. In the bottom left corner, there is a pink and white striped popcorn bucket filled with yellow popcorn, a pink cup with a white lid and a blue straw, and a pair of white 3D glasses with pink lenses.

Rockbuster

Data Dictionary

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Legend

↩ Key



ERD for Rockbuster



Data Dictionary

Fact Tables:

Film

Column	Data Type	Description
↩️Film id	serial	unique identifier of each film
Title	character varying 255	title of each film
Description	text	brief description of film
Release year	year	date of release
Language id	small integer	code of language of film
Rental duration	small integer	time between when customer checked out rental to return
Rental rate	numeric 4.2	cost of rental
Length	small integer	duration of film
Replacement cost	numeric 5.2	if damaged, cost to replace
Rating	mpaa_rating	rating of film for age/maturity level
Last update	timestamp 6 without time zone	
Special features	text[]	if film has any special features such as director's cut, interviews, etc
Full text	tvsector	

Payment

Column	Data Type	Description
↩️↩️Payment id	serial	payment type
Customer id	small integer	customer's unique identifier
Staff id	small integer	checkout staff's unique identifier
Rental id	integer	transaction number
Amount	numeric 5.2	cost of rental
Payment date	timestamp 6 without time zone	date of rental

Dimension tables under film:

Film Actor

Column	Data Type	Description
↩️Actor id	small integer	actor's unique identifier
↩️Film id	small integer	film's unique identifier
Last update	timestamp 6 without time zone	

Actor

Column	Data Type	Description
↩️Actor id	serial	actor's unique identifier
First name	character varying 45	actor's first name
Last name	character varying 45	actor's last name
Last update	timestamp without time zone	

Film Category

Column	Data Type	Description
↩️Film id	small integer	film's unique identifier
↩️Category id	small integer	category's unique identifier
Last update	Timestamp 6 without time zone	

Category

Column	Data Type	Description
↩Category id	serial	category’s unique identifier
Name	character varying 25	category
Last update	timestamp 6 without time zone	

Language

Column	Data Type	Description
↩Language id	Serial	language’s unique identifier
Name	Character 20	name of language
Last update	timestamp 6 without time zone	

Dimension tables under Payment:

Rental

Column	Data Type	Description
↩Rental id	serial	transaction number
Rental date	timestamp 6 without time zone	date of rental
Inventory id	integer	number of item in system
Customer id	small integer	unique identifier of customer
Return date	timestamp 6 without time zone	date of return
Staff id	small integer	staff member who helped customer
Last update	timestamp 6 without time zone	

Customer

Column	Data Type	Description
↩Customer id	serial	customer’s unique identifier
Store id	small integer	store’s unique identifier
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	small integer	address’s unique identifier
Activebool	Boolean	if client is an active customer or has timed out
Create date	date	date customer was entered into system
Last update	timestamp 6 without time zone	
Active	integer	if client is an active customer

Store

Column	Data Type	Description
↩Store id	serial	store’s unique identifier
Manager staff id	small integer	manager on duty’s unique identifier or manager of location
Address id	small integer	address of site’s unique identifier
Last update	timestamp 6 without time zone	

Staff

Column	Data Type	Description
↩️ Staff id	serial	staff's unique identifier
First name	character varying 45	each staff member's first name
Last name	character varying 45	each staff member's last name
Address id	small integer	address's unique identifier for each staff member
Email	character varying 50	email address for staff member
Store id	small integer	store's unique identifier
Active	Boolean	if staff member is currently employed
Username	character varying 16	staff member username
Password	character varying 40	staff member password
Last update	timestamp 6 without time zone	
Picture	bytea	staff photo

Address

Column	Data Type	Description
↩️ Address id	serial	address's unique identifier
Address	character varying 50	street address
Address2	character varying 50	secondary location such as suite number
District	character varying 20	district identifier in which store is located
City id	small integer	city's unique identifier
Postal code	character varying 10	postal code for location
Phone	character varying 20	phone number for location
Last update	timestamp 6 without time zone	

City

Column	Data Type	Description
↩️ City id	serial	city's unique identifier
City	character varying 50	city name
Country id	small integer	country's unique identifier
Last update	timestamp 6 without time zone	

Country

Column	Data Type	Description
↩️ Country id	serial	country's unique identifier
Country	character varying 50	country name
Last update	timestamp 6 without time zone	