

Rockbuster
Analytics

ROCKBUSTER DATA DICTIONARY

Samantha Fernandez Zanatta



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Introducction

This document outlines the structure and metadata of the data used for the Rockbuster Analytics project. It includes descriptions of fact and dimension tables, relationships, and key identifiers. This dictionary serves as a reference for technical and business stakeholders working with the dataset.



General Dimension Table

Column Name	Data Type	Description
customer_id	Integer	Unique identifier for each customer
first_name	String	Customer's first name
last_name	String	Customer's last name
email	String	Email address
address_id	Integer	Link to address table
active	Boolean	Whether the customer is active
create_date	Date	Date the customer account was created

Country Dimension Table

Column Name	Data Type	Description
country_id	Integer	Unique identifier for country



country	String	Country name
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Date Dimension Table

Column Name	Data Type	Description
date_id	Integer	Unique identifier for date
date	Date	Full date
year	Integer	Year
month	Integer	Month

Rental Fact Table

Column Name	Data Type	Description
rental_id	Integer	Unique identifier for each rental



rental_date	DateTime	Date and time of rental
inventory_id	Integer	Link to film inventory
customer_id	Integer	Link to customer
return_date	DateTime	Date and time the film was returned
staff_id	Integer	Staff member handling rental
payment_amount	Decimal	Amount paid for rental (from payment)

