Database & SQL for Analysis
Rockbuster PostgreSQL Database

Jose Hanchi

29 Jun 2023

SUMMARY OF TABLES: film & customer

General description of table fields from the Rockbuster database

Table: film

1,000 unique records

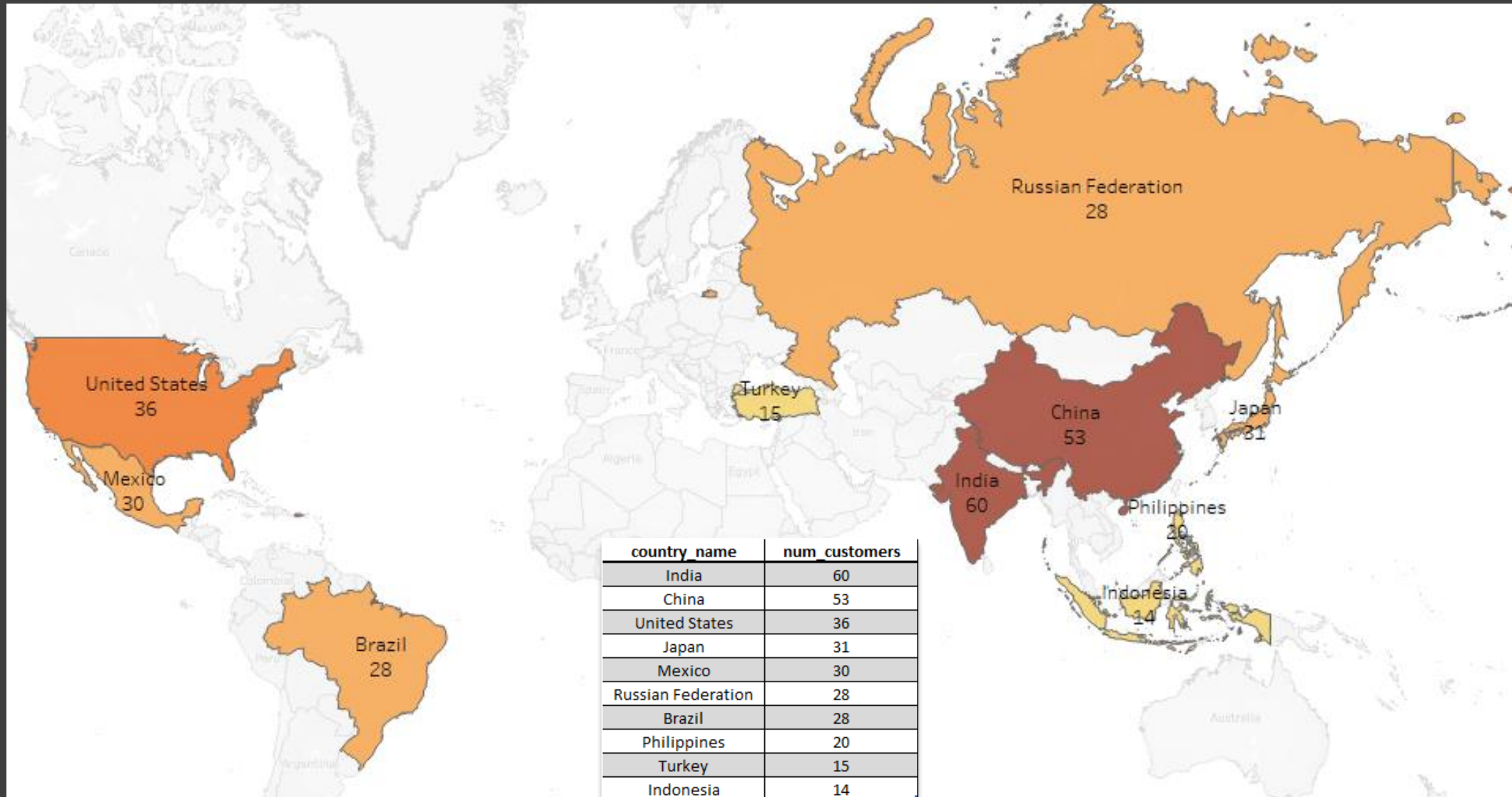| field name	Minimum	Average/Mode	Maximum
length	46	115.27	185
release_year	2006	2006	2006
rental_duration	3	4.99	7
replacement_cost	9.99	19.98	29.99
description	A Action-Packed Character...	n/a	A Unbelievable Yarn of a ...
title	Academy Dinosaur	n/a	Zorro Ark
full_text	n/a		n/a
rating	G		R
special_features	{"Behind the Scenes"}		{Trailers,"Deleted Scenes","Behind the Scenes"}

Table: customer

599 unique records

field name	Minimum	Average/Mode	Maximum
Active	0 [15 records]	n/a	1 [584 records]
address_id	5	n/a	605
store_id	1	n/a	2
Activebool	n/a	True [all records]	n/a
first_name	Aaron	Jamie	Zachary
last_name	Abney	n/a	Young
email	aaron.selby@sakilacustomer.org	n/a	zachary.hite@sakilacustomer.org

ANALYSIS USING SQL
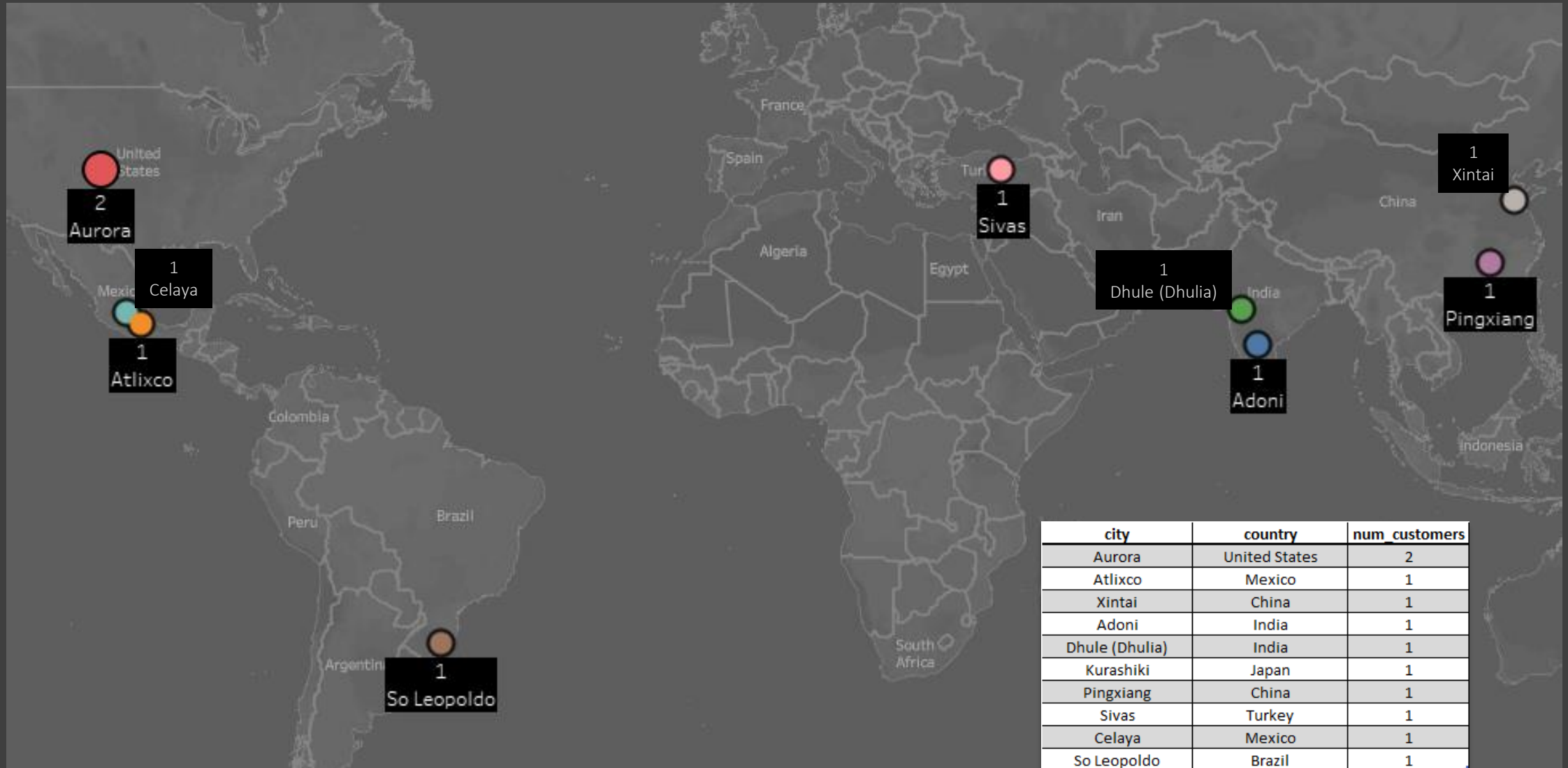
Determined top countries, top cities, and top paying customers

https://public.tableau.com/app/profile/jose.hanchi/viz/RockbusterDBSQLAnalysis/RockbusterDB

Top 10 countries (number of customers)
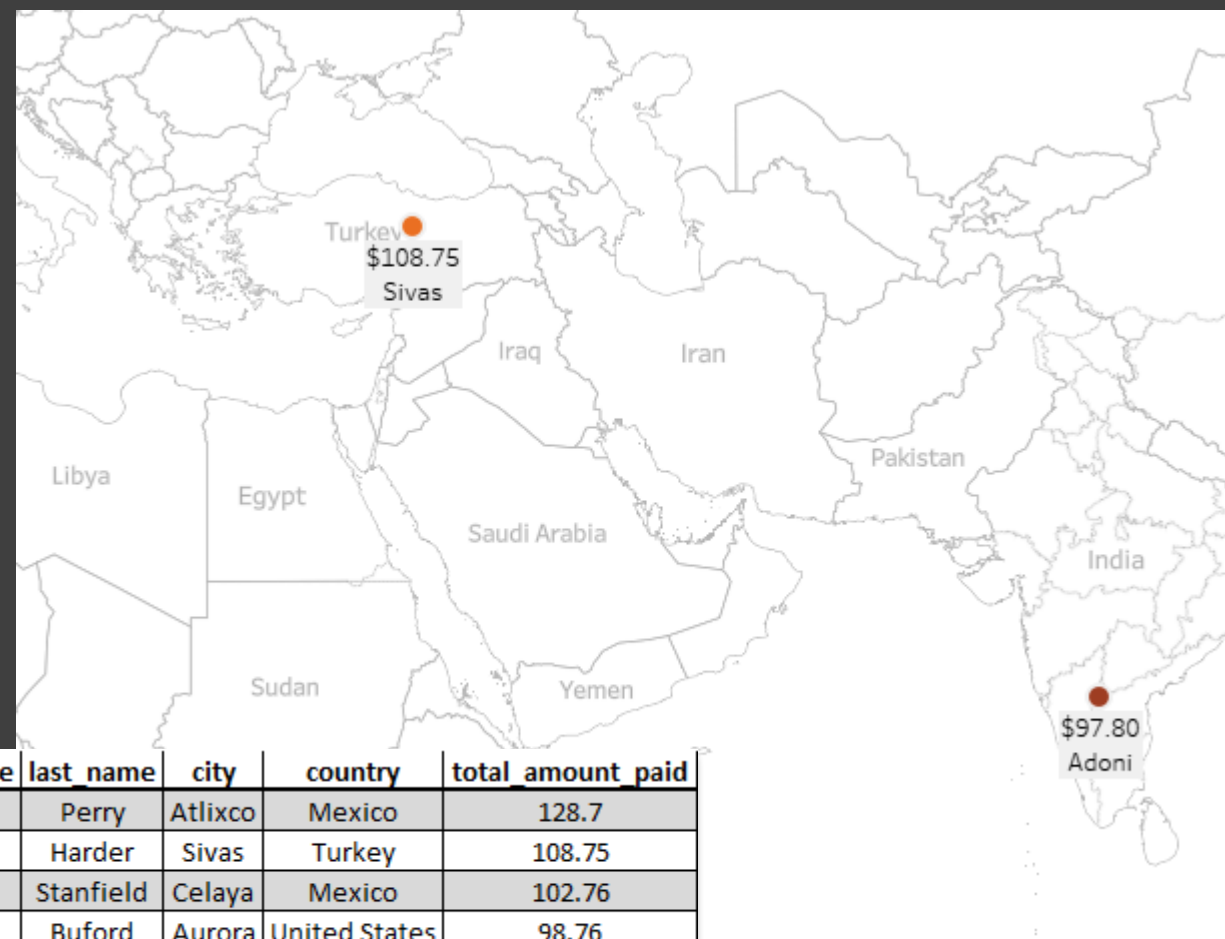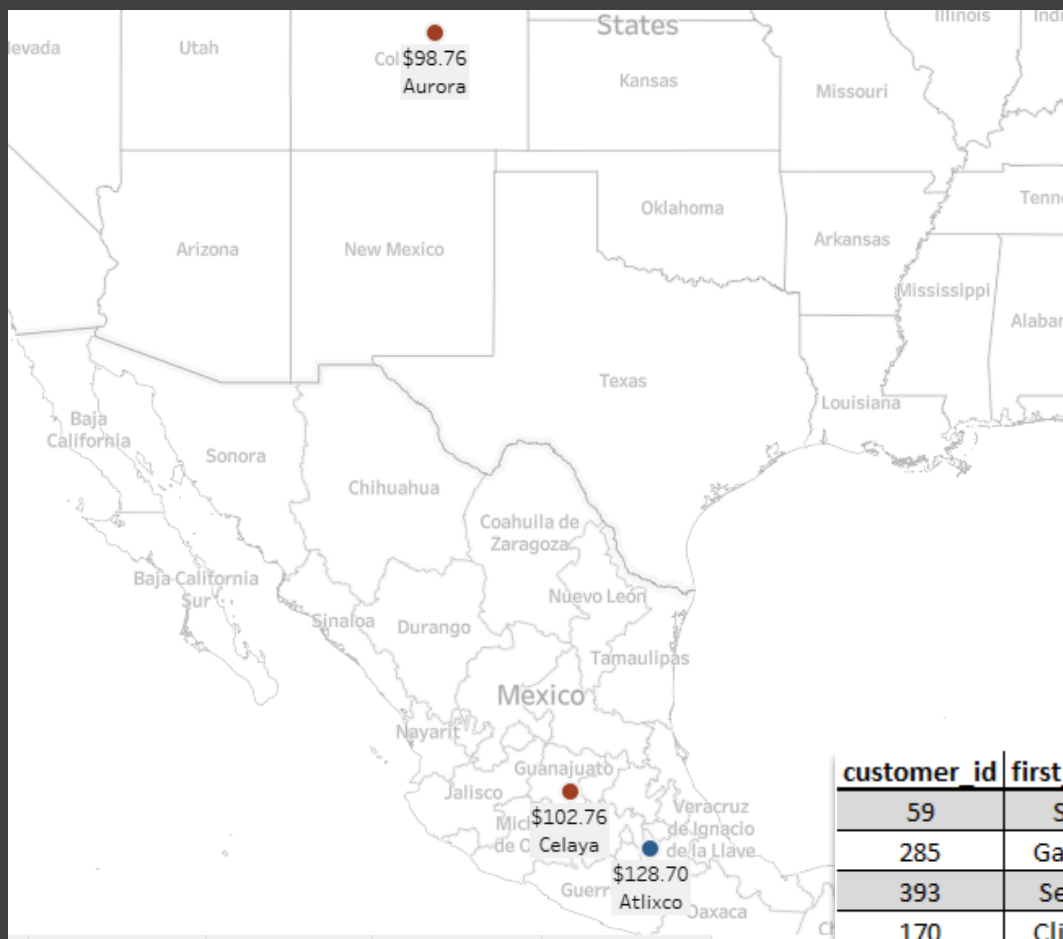

country_name	num_customers
India	60
China	53
United States	36
Japan	31
Mexico	30
Russian Federation	28
Brazil	28
Philippines	20
Turkey	15
Indonesia	14

Top 10 cities (from Top 10 countries)

city	country	num_customers
Aurora	United States	2
Atlixco	Mexico	1
Xintai	China	1
Adoni	India	1
Dhule (Dhulia)	India	1
Kurashiki	Japan	1
Pingxiang	China	1
Sivas	Turkey	1
Celaya	Mexico	1
So Leopoldo	Brazil	1

Top 5 paying customers (from Top 10 Cities)
Americas
Europe / Asia

$98.76 Aurora

$108.75 Sivas

$102.76 Celaya

$128.70 Atlixco

$97.80 Adoni

customer_id	first_name	last_name	city	country	total_amount_paid
59	Sara	Perry	Atlixco	Mexico	128.7
285	Gabriel	Harder	Sivas	Turkey	108.75
393	Sergio	Stanfield	Celaya	Mexico	102.76
170	Clinton	Buford	Aurora	United States	98.76
446	Adam	Gooch	Adoni	India	97.8

appendix