Intermediate Assignment Data Visualization

Bintang Candra Ayu S
Berlin - Team 4

Overview

Use the following datasets to make a dashboard that will help users to learn more about film

- ❏ Titles
- ❏ Description
- ❏ Credits
- ❏ IMDB Score
- ❏ TMDB Score

Using Google Data Studio ([Link](#))

1. Connect and combine/join the above datasets to Google Data Studio
2. Create visualizations of the following:
   a. Using existing field
      i. Scorecard of total number of titles
      ii. Number of titles per release year
      iii. Number of titles per production countries
   b. Using existing field and filtering
      i. Top 10 actors based on number of titles
   c. Using calculated fields
      i. Scorecard of average total number of titles/year
      ii. Number of titles per year group (<=2000, 2001-2005, 2006-2010, 2011-2015, 2016-2020, >2020)
3. From the above visualizations, combine into one interactive dashboard (Must include flexible period and other filters)

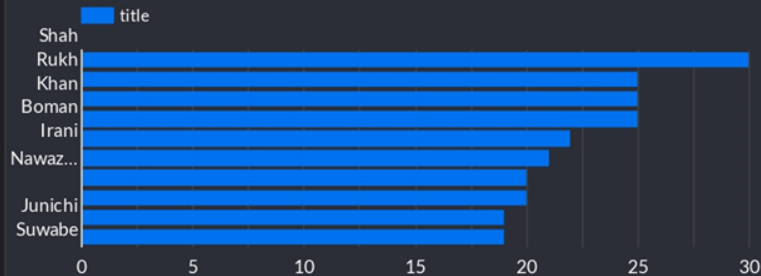# Movie and TV Shows Analytics

production_countries ▾
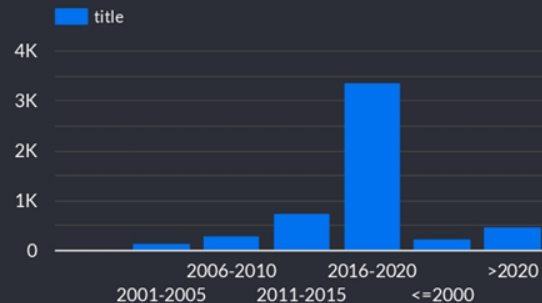
release_year ▾

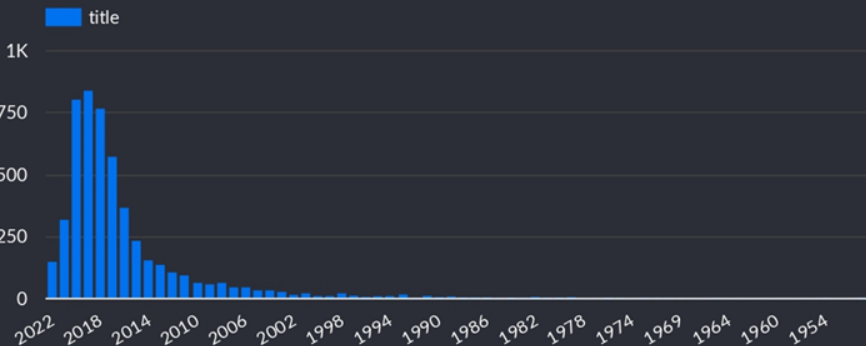## Average Titles per Year

77.79

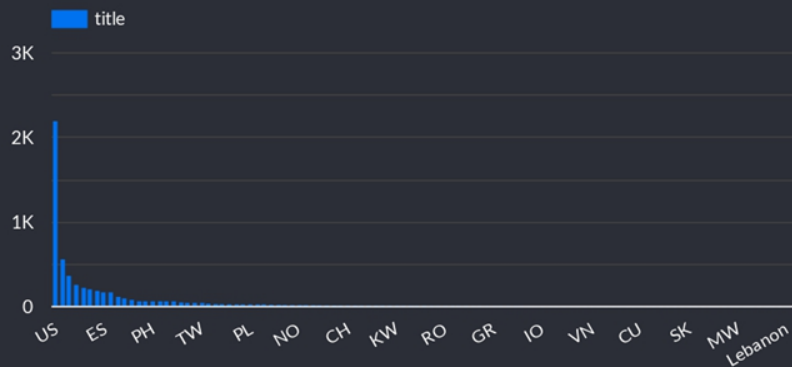## Total Titles

5,212

Top 10 Actors Based on Number of Titles

■ title

Shah Rukh Khan
Boman Irani
Nawaz...
Junichi Suwabe

0   5   10   15   20   25   30

Number of Titles per Year Group

■ title

4K
3K
2K
1K
0

2001-2005   2006-2010   2011-2015   2016-2020   <=2000   >2020

Number of Titles per Release Year

■ title

1K
750
500
250
0

2022 2018 2014 2010 2006 2002 1998 1994 1990 1986 1982 1978 1974 1969 1964 1960 1954

Number of Titles per Production Countries

■ title

3K
2K
1K
0

US ES PH TW PL NO CH KW RO GR IO VN CU SK MW Lebanon
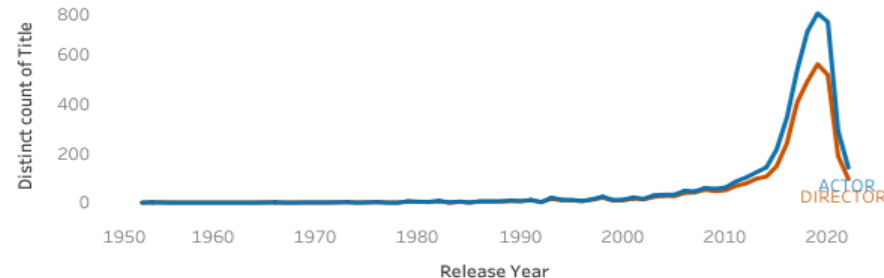
Using Tableau ([Link](#))

1. Connect and combine/join the above datasets to Tableau
2. Create visualization of the following:
   a. Using existing field:
      i. Number of titles per release year break down per type
      ii. Number of actor involve in a title per release year
      iii. Number of director involve in a title per release year
   b. Using existing field and filtering
      i. Top 5 director based on number of titles
   c. Create hierarchy field of release year and title
      i. Average of IMDB score per release year and title
   d. Using calculated fields
      i. Number of title per runtime group/bin
3. From the above visualizations, combine into one interactive dashboard (Must include flexible period and other filters)
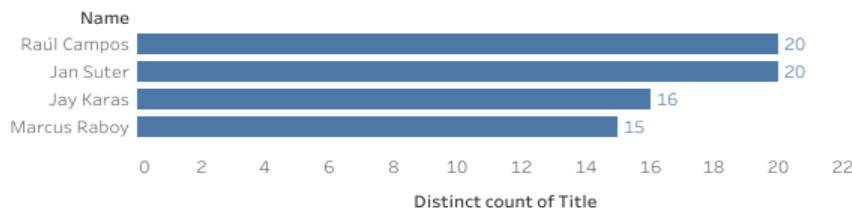
Movie and TV Show Analytics

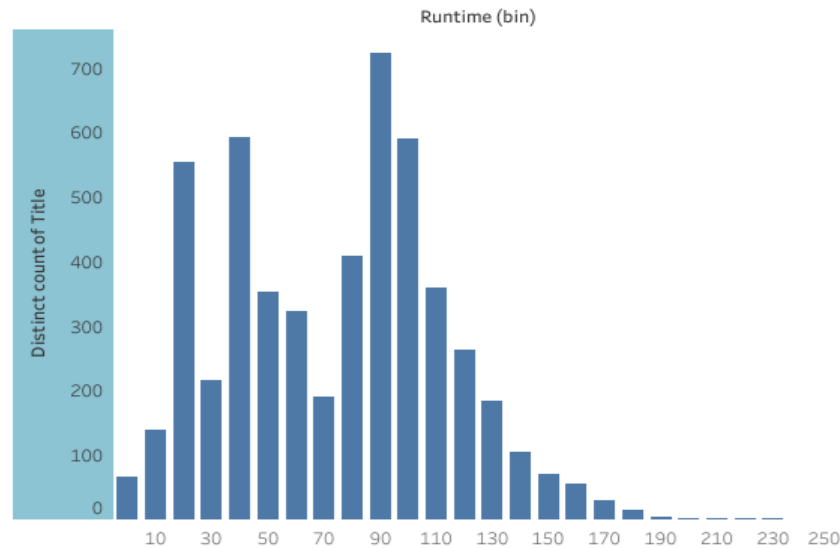## Number of titles per release year break down per type

Number of actor and director involve in a title per release year
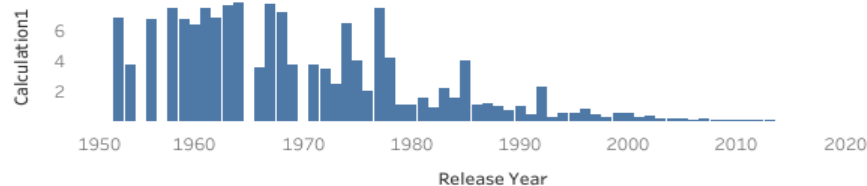

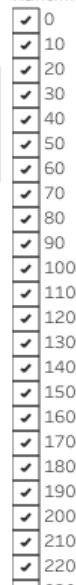## Top 5 director based on number of titles

Name	Distinct count of Title
Raúl Campos	20
Jan Suter	20
Jay Karas	16
Marcus Raboy	15

Release Ye.. Non-Null Values Only

Average of IMDB score per release year and title

Number of title per runtime group/bin

Runtime (bi..

0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220

Runtime (bin)

Thank You