

IMDb



Insights of Movie Analytics for IMDb



IMDb born: October 17, 1990

Founder: Col Needham

Owner: Amazon.com

IMDb (Internet Movie Database) is an online database of information related to films, television programs, home videos, video games, and streaming content online - including cast, production crew and personal biographies, plot summaries, trivia, ratings, and fan and critical reviews.

-By: Yash Viras
Shubham Pithadia

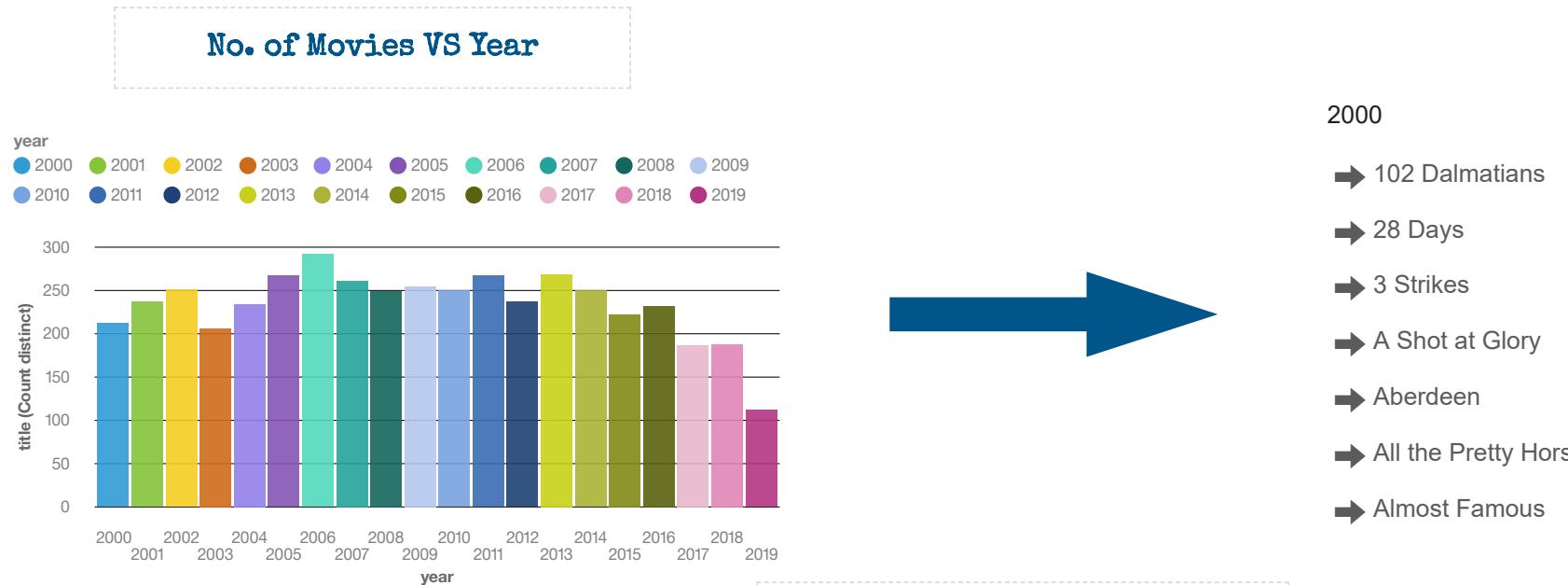
Project Scenarios:



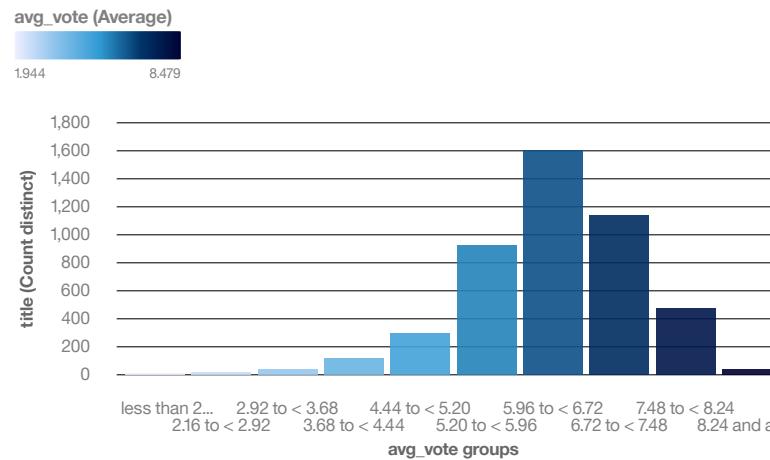
- Show number of Movies by year.
- Pie chart showing total Movies released in 2019 according to genre.
- Minimum duration and maximum duration movies and bar graph showing no. of movies based upon duration.
- Difference between Hengdian World Studio(China) and Bollywood total gross income generated by individual bar graph, and pie chart showing difference together for revenue generated.
- Number of languages used for creating movies according to year, show Heat Map.
- Based on top directors and their gross income for movies year 2015-2019.
- Worldwide Gross Income for country region.
- Tree Map showing Genre based Gross Income.
- Top Production Companies with budget and their distinct count,between INDIA & UK.
- Visualization depend upon vote range.
- Minimum and maximum budget 5 movies(title, country and duration).
- Based on Gross_Income for Avg. Vote by years showing visualization through Bubble Graph.
- Word cloud comparison based upon year & world gross income for Movies.
- Comparison of budget & world wide gross income based on year .
- Reviews from users and critics.
- Hollywood Movies based on No. of votes for year(2015-2019).
- Movies according to Meta score for year(2015-2019).
- Top 10 Movies showing Minimum and Maximum Gross Income based on year.
- Dashboard for Movies released in 2019.



Movies Count

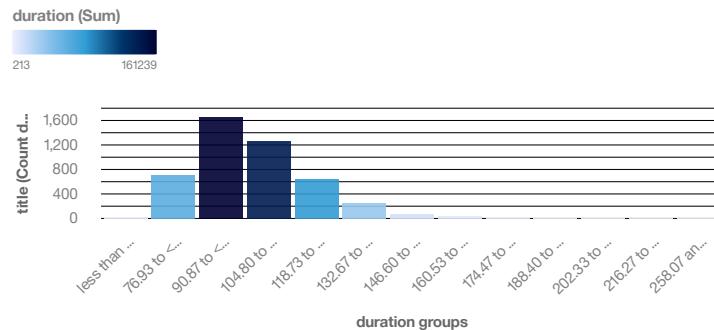


Movies count based on average votes.



Time & Genre

Movies based on Time duration



Winnie the Pooh

1

Minimum duration Movie

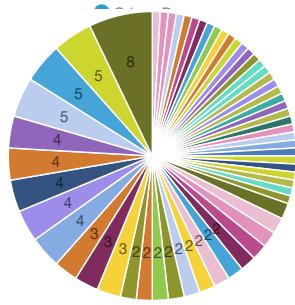
Ray

2

Maximum duration Movie

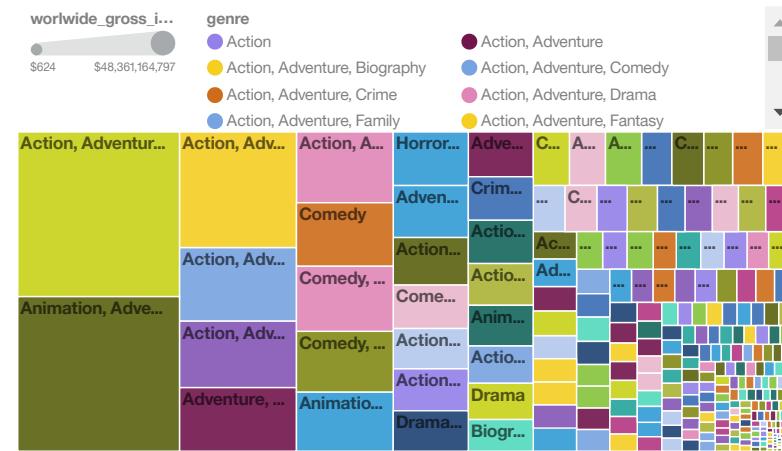
Genre based chart for 2019

genre	
Comedy, Crime	Comedy, Romance
Action, Adventure, Drama	Biography, Drama, Western
Adventure, Drama, Mystery	Comedy, Drama, Sport
...	...



3

Genre based Gross_Income



Filter(s) applied to the visualization(s) on the previous page:

Widget 1

duration Between 63 and 63

Widget 2

duration Between 282 and 282

Widget 3

year Includes: 2019

Budget



Minimum budget Movies

3

A Ghost Story

→ Sailor Bear

→ 100,000

Another Earth

→ Artists Public Domain

→ 100,000

Geu-hu

→ Iceman Film

4

Borg McEnroe

→ SF Studios Production AB

→ SEK 65000000

HundraÅ¥ringen som klev ut genom fÃ¶nstret
och fÃ¶rsavann

→ NICE FLX Pictures

→ SEK 63000000



Production companies based on count distinct budget- INDIA

1

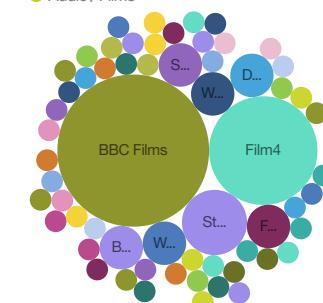
budget (Count di...)	production_company
1	Aamir Khan Productions
3	Amitabh Bachchan Corporatio...
3	Ashutosh Gowariker Produkti...
3	Bollywood Hollywood Producti...



Production companies based on count distinct budget- UK

2

budget (Count di...)	production_company
1	Apocalypso Pictures
7	Arbees
7	Arts Council of England
7	Audley Films



Filter(s) applied to the visualization(s) on the previous page:

Widget 1

country Includes: India

Widget 2

country Includes: UK

Widget 3

year Includes: 2018, 2019, 2010, 2011, 2012, 2013, 2014, 2015, 2017, 2016

Widget 4

year Includes: 2018, 2019, 2010, 2011, 2012, 2013, 2014, 2015, 2017, 2016

10 movies having maximum Gross_Income

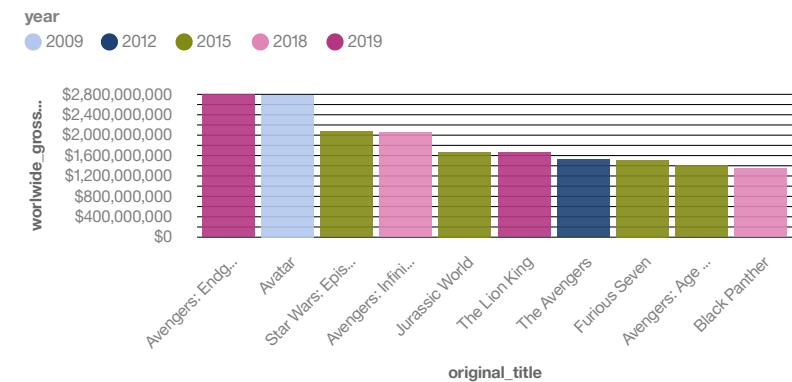
1

- Avengers: Endgame
 - Anthony Russo, Joe Russo
 - \$2,797,800,564

- Avatar
 - James Cameron
 - \$2,789,968,301



2



10 movies having minimum Gross_Income

3

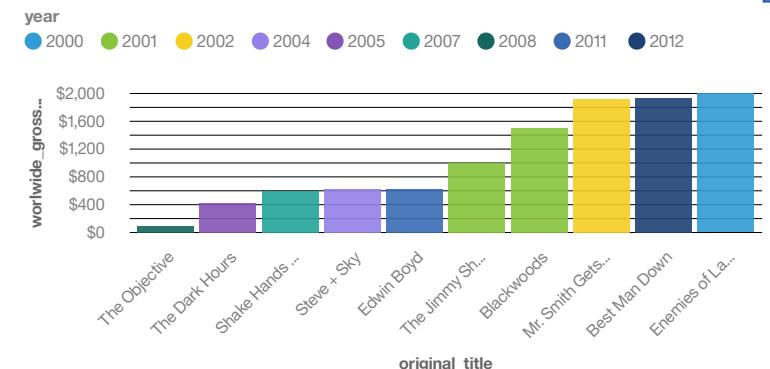
- The Objective
 - Daniel Myrick
 - \$95

- The Dark Hours
 - Paul Fox
 - \$423

- Shake Hands with the Devil



4



Filter(s) applied to the visualization(s) on the previous page:

Widget 1

original_title Top 10 by worlwide_gross_income

Widget 2

worlwide_gross_income Top 10

Widget 3

worlwide_gross_income Bottom 10

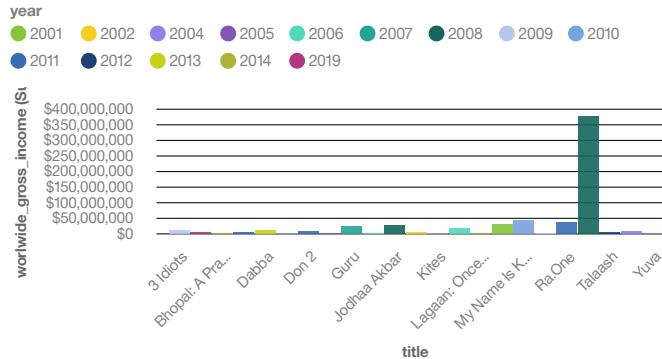
Widget 4

worlwide_gross_income Bottom 10

Gross_Income-1

BollyWood

2

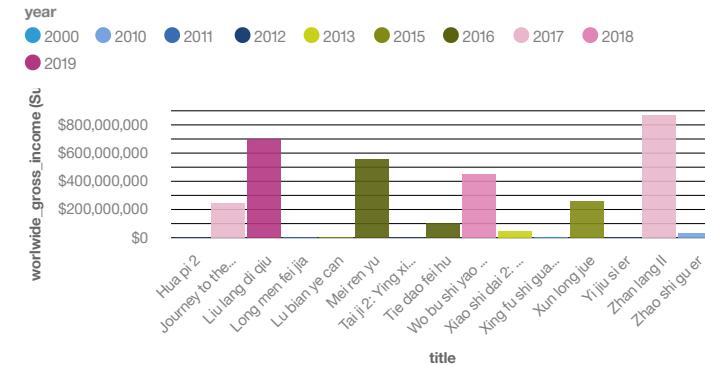


VS

4

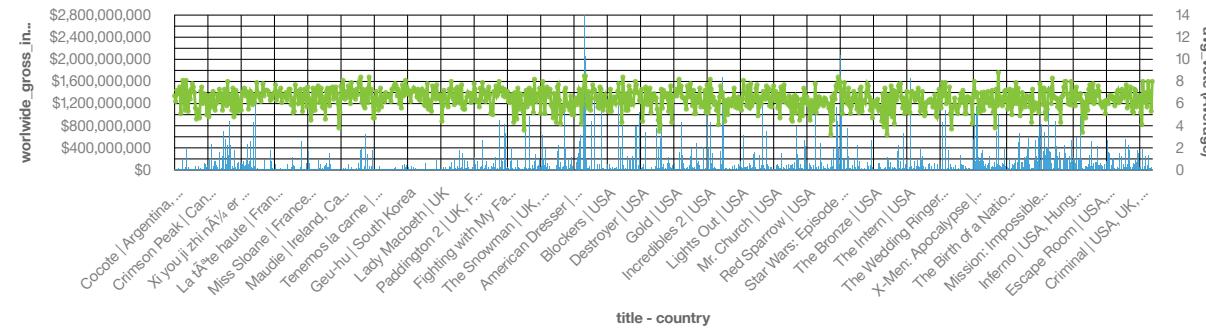
Hengdian World Studio(China)

3



country and worldwide_gross_income by title

● worldwide_gross_income (Sum) ● avg_vote (Average)



The total values of worldwide_gross_income range from a minimum of 3868 (when title - country is Crown Vic|USA) to a maximum of 2,797,800,564 (when title - country is Avengers: Endgame|USA).

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

year Includes: 2015, 2016, 2017, 2018, 2019

Widget 2

country Includes: India, India, France, Germany, USA, Canada, India, Germany, India, UK, China, Canada, Japan, South Korea, USA, India, USA, India, USA, Italy, Germany, France, UK, India, USA, United Arab Emirates, UK, India

Widget 3

country Includes: China

Widget 4

country Includes: India, China

No. of Language used according to year



Crosstab related to Gross_Income

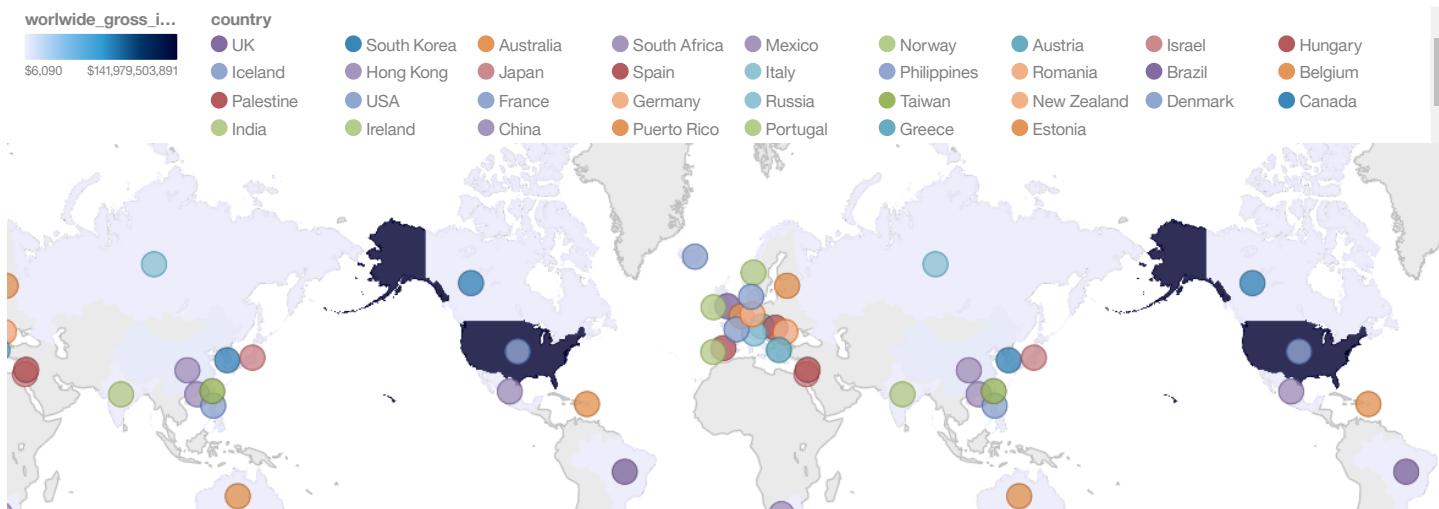
worlwide_gross_income for director, writer and title

2

worlwide_gro...	Alejandro G. Iñ...	Anthony Russo,...	Bob Persichetti...	Bryan Singe...
Ah-ga-ssi	(no value)	(no value)	(no value)	(no value)
Avengers: Endg...	(no value)	\$2,797,800,564	(no value)	(no value)
Avengers: Infin...	(no value)	\$2,048,359,754	(no value)	(no value)
Bilal: A New Br...	(no value)	(no value)	(no value)	(no value)
Blade Runner 2...	(no value)	(no value)	(no value)	(no value)
Bohemian Rha...				

worlwide_gross_income for country regions

1



Filter(s) applied to the visualization(s) on the previous page:

Widget 1

year Includes: 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

country Includes: Argentina, Australia, Austria, Belgium, Bhutan, Brazil, Canada, China, Denmark, Estonia, France, Germany, Greece, Hong Kong, Hungary, Iceland, India, Iran, Ireland, Israel, Italy, Japan, Mexico, Netherlands, New Zealand, Norway, Palestine, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Singapore, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, UK, USA

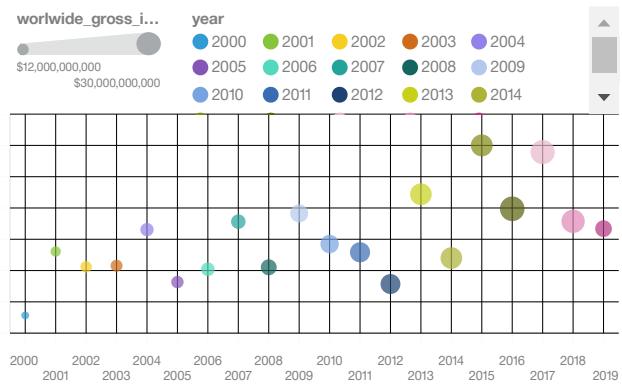
Widget 2

avg_vote Between 8 and 9

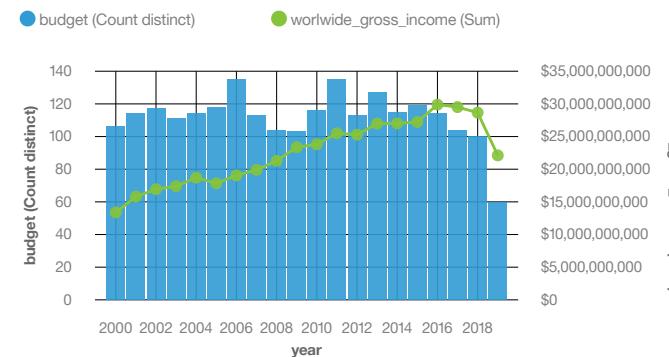
year Includes: 2017, 2018, 2019, 2015, 2016

Gross_Income-3

Gross_Income for Avg. Vote by year



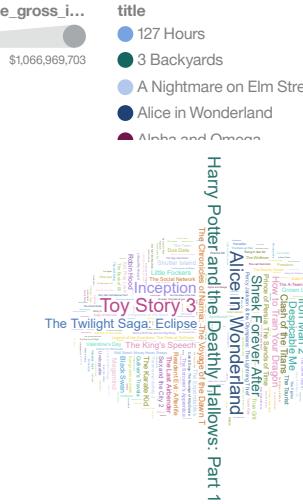
Comparison btw budget & Gross_Income based on Year.



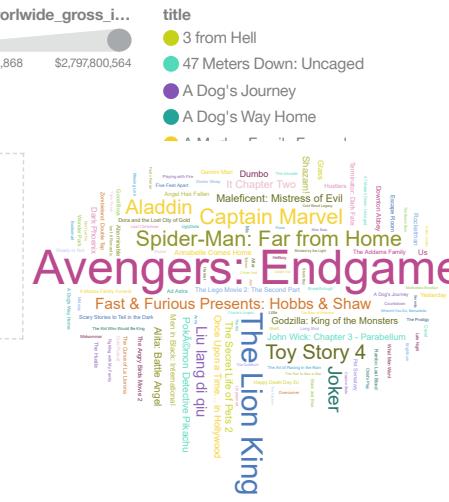
Word Cloud Comparison for Income Generated Based upon Year(2010,2015,2019)



VS



VS



How to Train Your Dragon: The Hidden World

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

year Includes: 2010

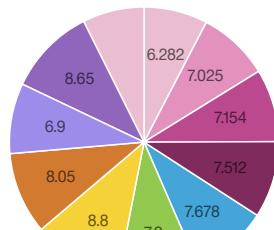
Widget 2

year Includes: 2015

Widget 3

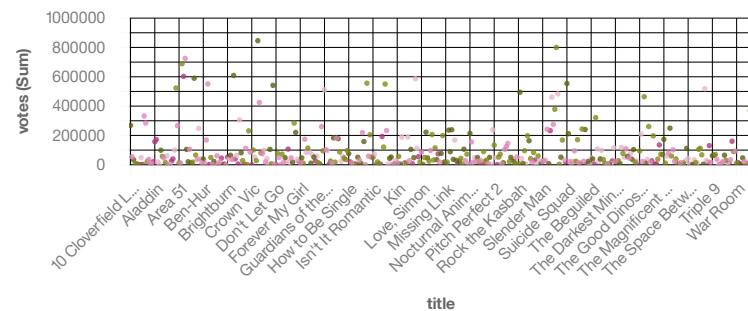
year Includes: 2019

No. of User Reviews for Avg. Vote



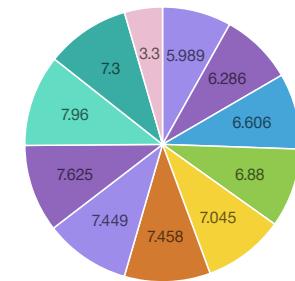
Hollywood Movies based on No. of Votes for year 2015-2019

year
● 2015 ● 2016 ● 2017 ● 2018 ● 2019



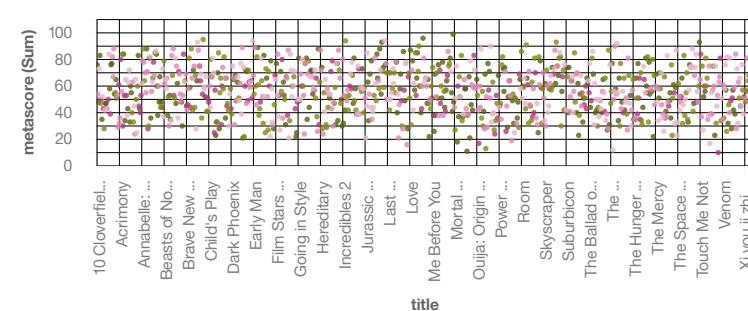
- The value of votes is unusually low when year is 2019.
- The sum of votes for all values of title and year is 36,913,937.
- Deadpool and Star-wars-II are most voted movies.

No. of Critics Reviews for Avg. Vote



Movies based on Metascore for year 2015-2019

year
● 2015 ● 2016 ● 2017 ● 2018 ● 2019



- For metascore, Moonlight is the most important category of title with a total value of 99 (0.2 % of the total).
- The value of metascore is unusually low when year is 2019.

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

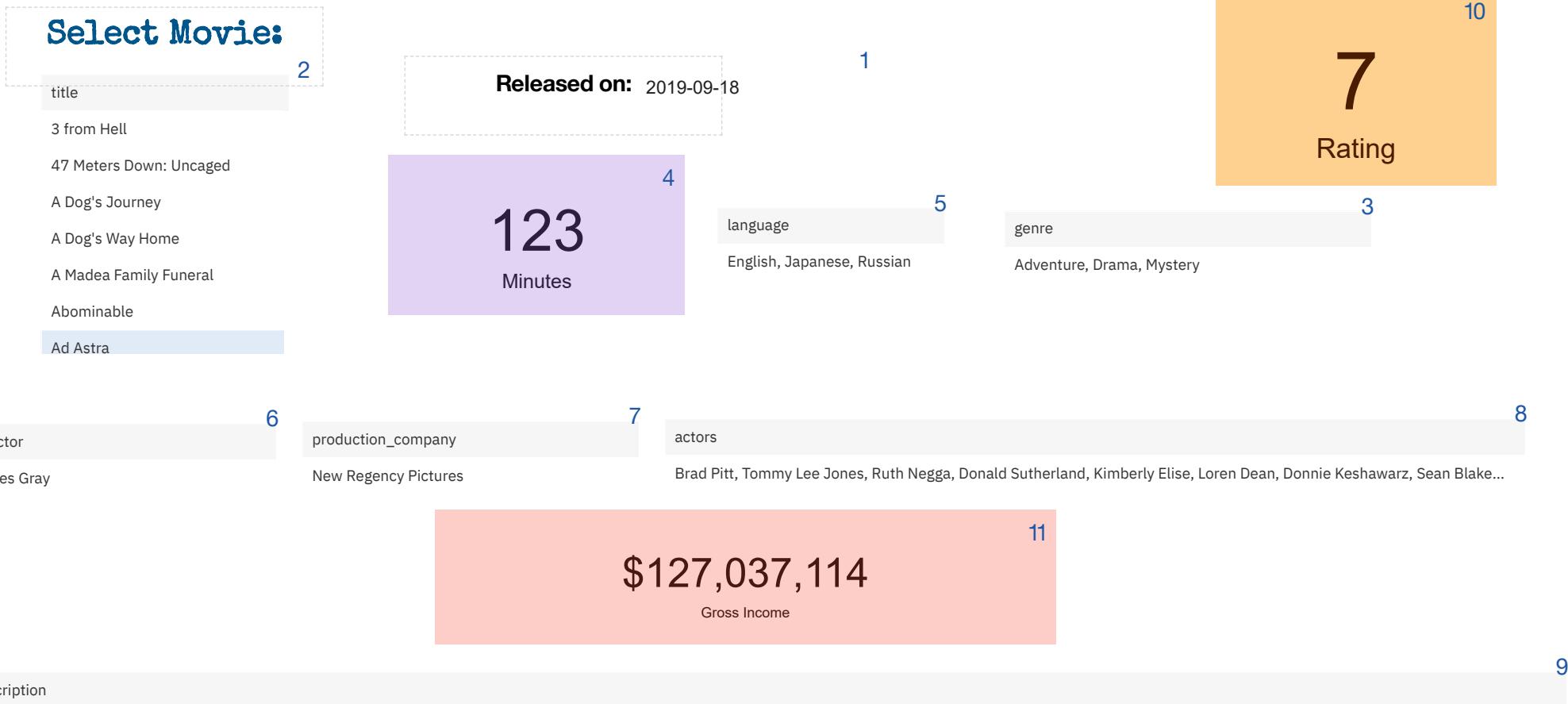
year Includes: 2019, 2018, 2017, 2016, 2015

Widget 2

country Includes: USA

year Includes: 2015, 2016, 2017, 2018, 2019

Movie Info



Filter(s) applied to the visualization(s) on the previous page:

Widget 1

year Includes: 2019

title Includes: Ad Astra

Widget 2

year Includes: 2019

title Includes: Ad Astra

Widget 3

title Includes: Ad Astra

Widget 4

title Includes: Ad Astra

Widget 5

title Includes: Ad Astra

Widget 6

title Includes: Ad Astra

Widget 7

title Includes: Ad Astra

Widget 8

title Includes: Ad Astra

Widget 9

title Includes: Ad Astra

Widget 10

title Includes: Ad Astra

Widget 11

title Includes: Ad Astra

END



" A FILM IS A PETRIFIED FOUNTAIN OF THOUGHT. "

IMDb

Thank you IMDb for providing Database and we were grateful for doing Analysis on it.