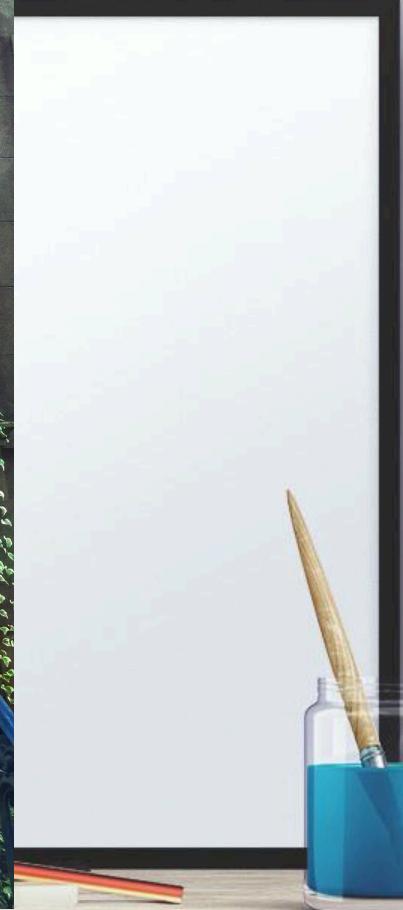
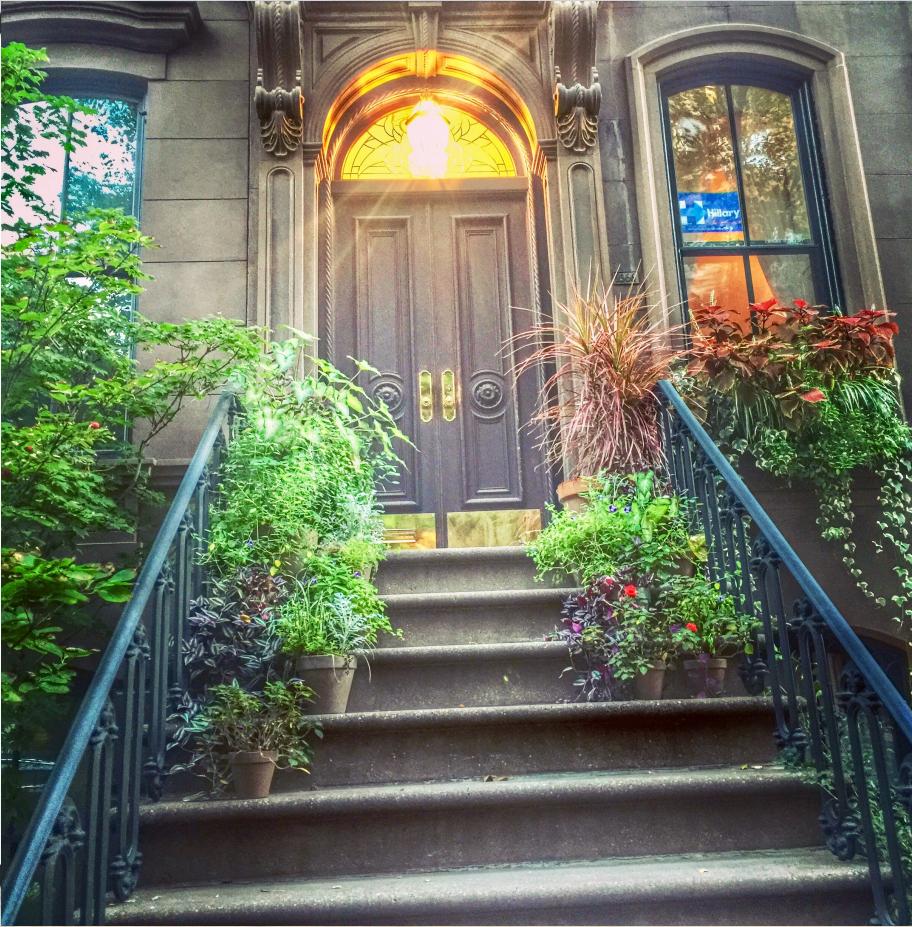


NYC Movie Spot Shiny App

Yabin Fan





Welcome to NYC Movie Spot

https://yabinfan.shinyapps.io/movie_loc/

Introduction

The web application NYC Movie Spot is a tool designed to aid the visualization, analysis and exploration of movies that have been filmed in New York City for the past several decades. This app was built with R and Shiny and it is designed so that any movie lovers can use it.



Motivations

- **A Movie Lover's Guide to New York**
- Love movies and New York City? Why not combine the two?
- Over the past 100 years, NYC has become the most filmed location in the United States.
- In 2011 alone, 188 films were shot there, according NYC Mayor's Office of Media and Entertainment.



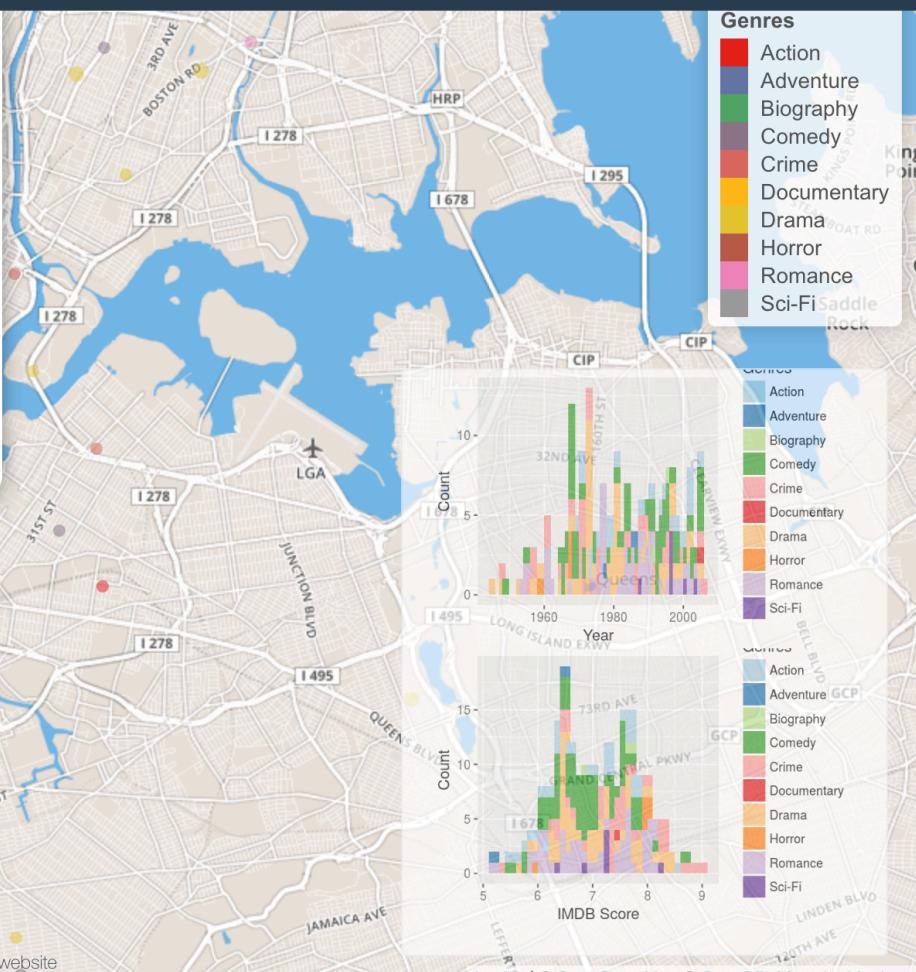
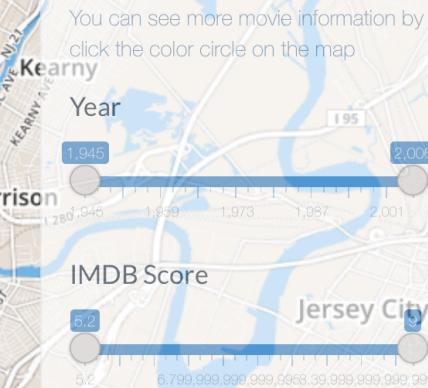
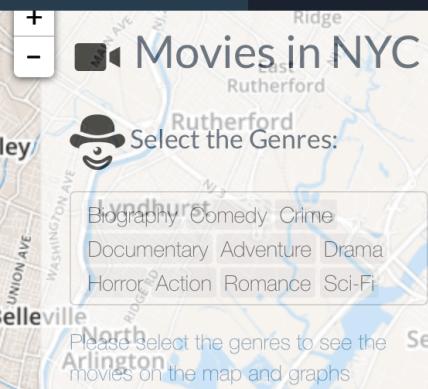
Data Source:

- + NYC Open Data
- + Kaggle dataset : IMDB 5000

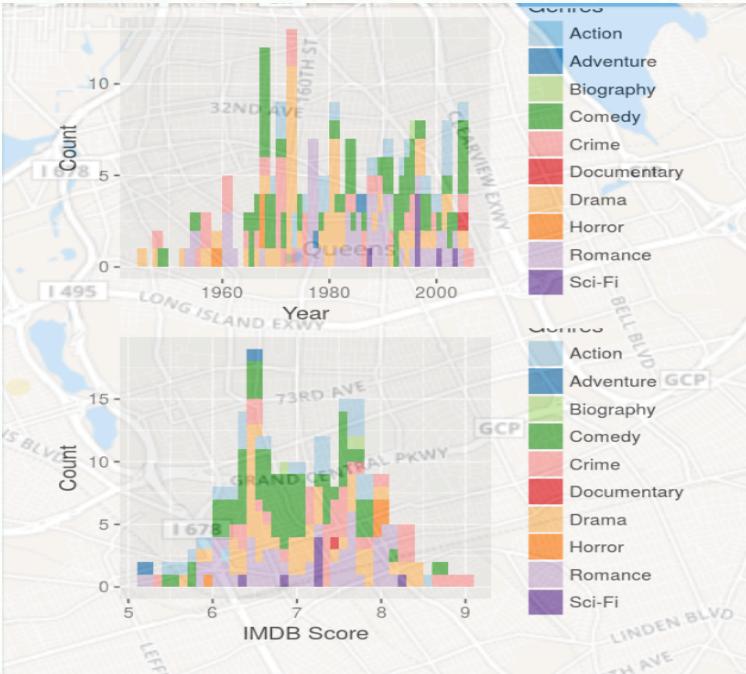


Features of the App

- Filters to search on the map by year, IMDB score and genres.
- Graphs to show the changes over the years and IMDB scores



Data was provided by New York City Office of Film, Theatre, and Broadcasting and Chuan Sun, who scraped data from the IMDB website.



- From these graph charts, we can tell that
- Crime movies got the highest IMDB Score.
- Romantic movies are popular to be filmed around 1970.
- Comedy movies are getting popular in recent years to film in NYC
- Documentary is the least popular movie to be filmed in NYC



Features of the App

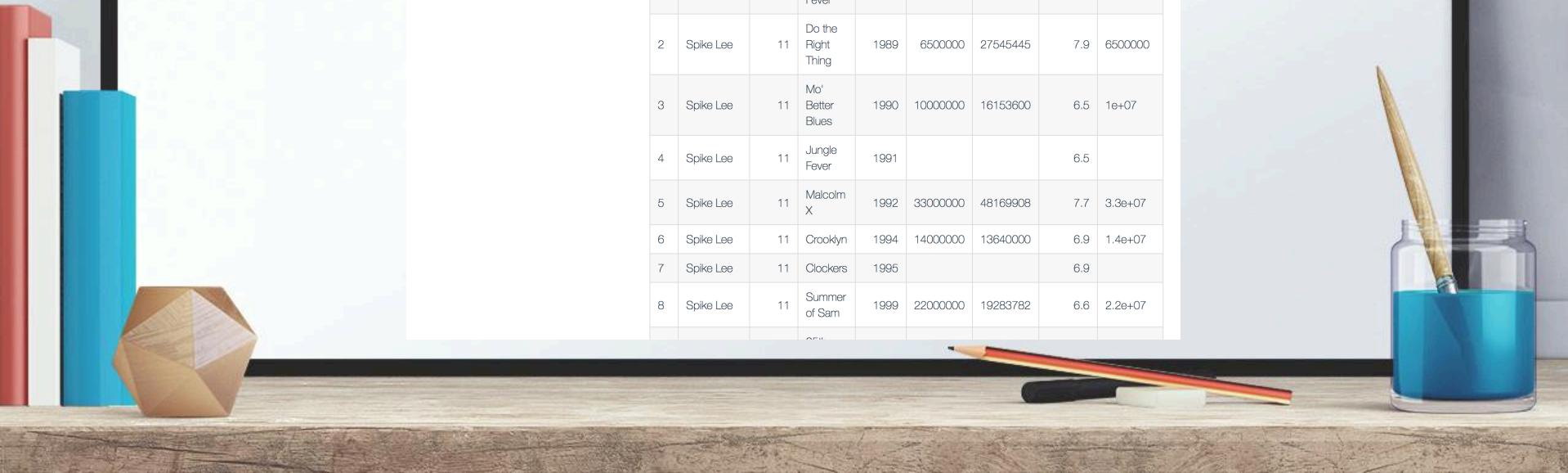
The ability to search the films' information by key words

NYC Movie Spot Interactive Map Movie Explorer Find your Film Documentation

Top n Directors

Show 10 entries Search:

	Director	freq	Film	Year	Budget	Gross	Score	Genres
1	Spike Lee	11	Jungle Fever	1991			6.5	
2	Spike Lee	11	Do the Right Thing	1989	6500000	27545445	7.9	6500000
3	Spike Lee	11	Mo' Better Blues	1990	10000000	16153600	6.5	1e+07
4	Spike Lee	11	Jungle Fever	1991			6.5	
5	Spike Lee	11	Malcolm X	1992	33000000	48169908	7.7	3.3e+07
6	Spike Lee	11	Crooklyn	1994	14000000	13640000	6.9	1.4e+07
7	Spike Lee	11	Clockers	1995			6.9	
8	Spike Lee	11	Summer of Sam	1999	22000000	19283782	6.6	2.2e+07



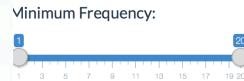


Features of the App

- NYC movie theme: The key words for all the movies that have been filmed in NYC

NYC Movie Theme

What are the words the Directors use the most in the movie titles when they film the movies in NYC?



Pawnbroker
Landlord
French
Six
Way
Baby
Day
Now
not
Black
Dundee
Death
Bluff
State
Rosemary's
Hours
Three
Manhattan
Apache
Prisoner Show
Uptown
Sax
Center
Walls
Girl
Mind
Pieces
Lost
King
Barefoot
Jeremy
Alabama
Warriors
Seeking





Limitations

- Data set is fairly small, it only contains less than 300 rows
- Data set is not updated. The data is from 1945 to 2005. Movies from 2005 to 2017 are not recorded.



Future Possible Work

- Web scraping more data to make the map more informative
- Add street view to show the user what the location actually looks like
- Search by location and actor
- Build a form to collect data from a user's so user can contribute more data to the location map.
- Build a World movie location map data. 

Maps





Thanks!
Any questions? 

