

- ALMA
- CEDRIC
- MARINA
- PAULO

What? Movie Recommendation

When? 5 Weeks

SCOPE OF THE PROJECT

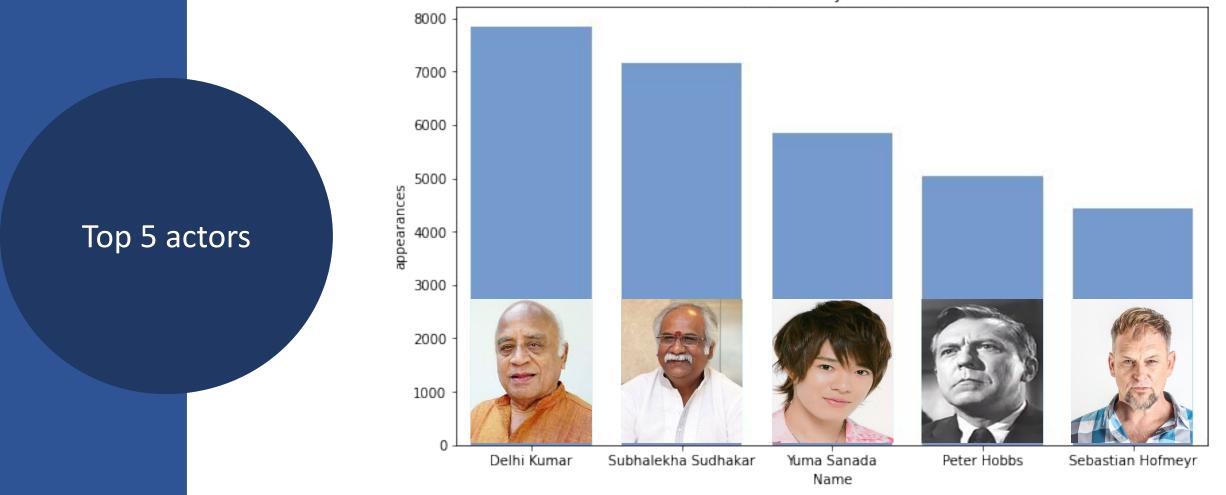
How? Using Machine Learning Algorithms to provide movie recommendation based on previous liked movies

By Whom? Wild Code School Data Analysts

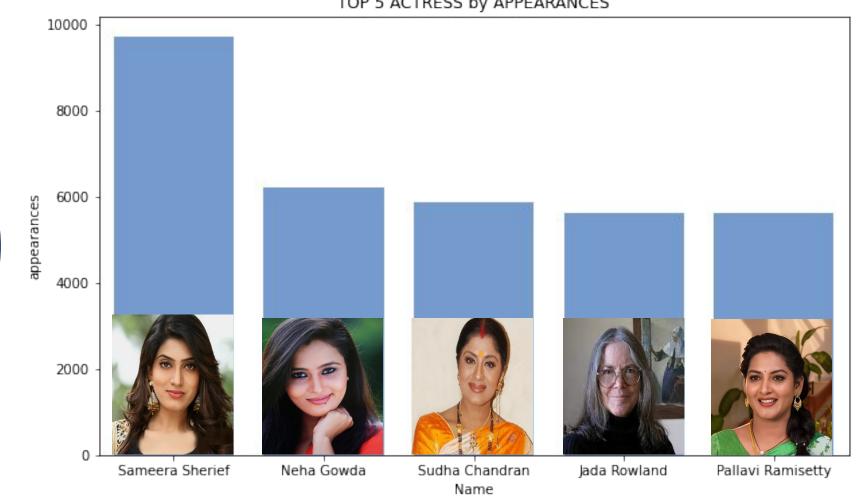
DATABASE CONTENT

DATABASES FOR MOVIE RECCOMMENDATION									
NAME.BASICS									
nconst = people_id	primaryName	birthYear	deathYear	primaryProfession	knownForTitles	age			
TITLE.AKAS									
title_id	ordering	title	region	language	types	attributes	isOriginalTitle		
TITLE.BASICS									
tconst= title_id	titleType	primaryTitle	originalTitle	isAdult	startYear	endYear	runtimeMinutes	genres	
TITLE.CREW									
tconst= title_id	directors	writers							
TITLE.EPISODE									
tconst= title_id	tparentTconst =tvderies_id	tseasonNumbe r	tepisodeNumb er						
TITLE.PRINCIPALS									
tconst= title_id	ordering	nconst = people_id	category	job	characters				
TITLE.RATINGS									
tconst= title_id	averageRating	numVotes							

TOP 5 ACTORS by APPEARANCES

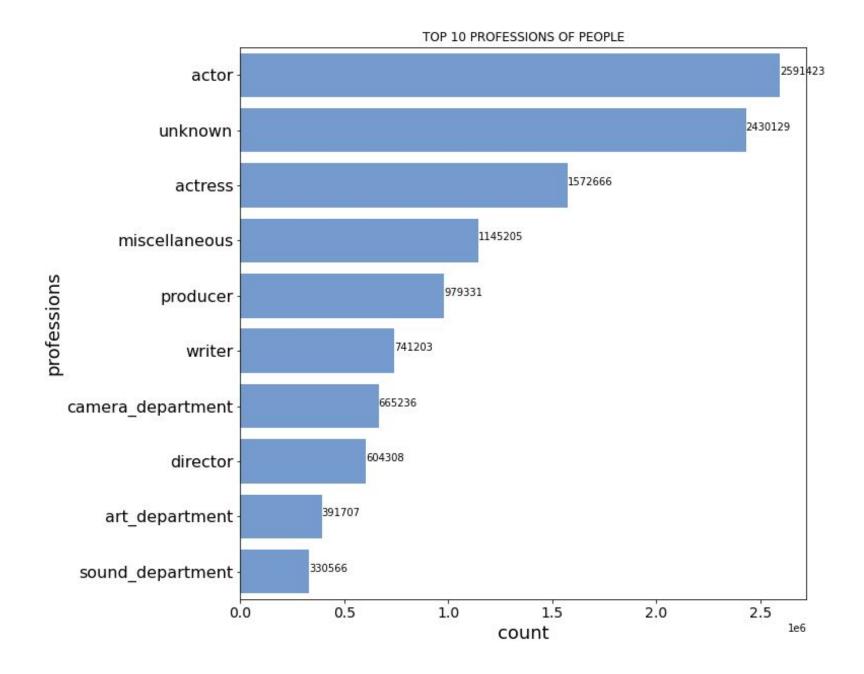


TOP 5 ACTRESS by APPEARANCES

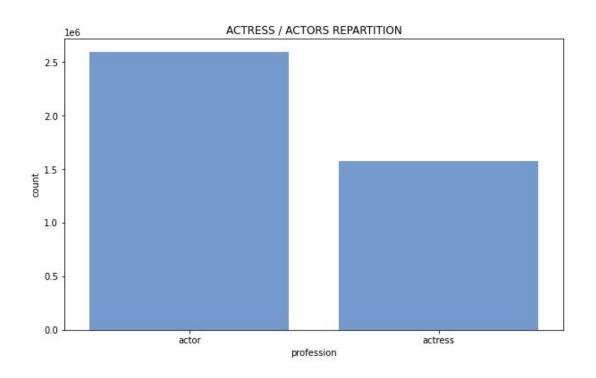


Top 5 actresses

Movies
Professions
Statistics



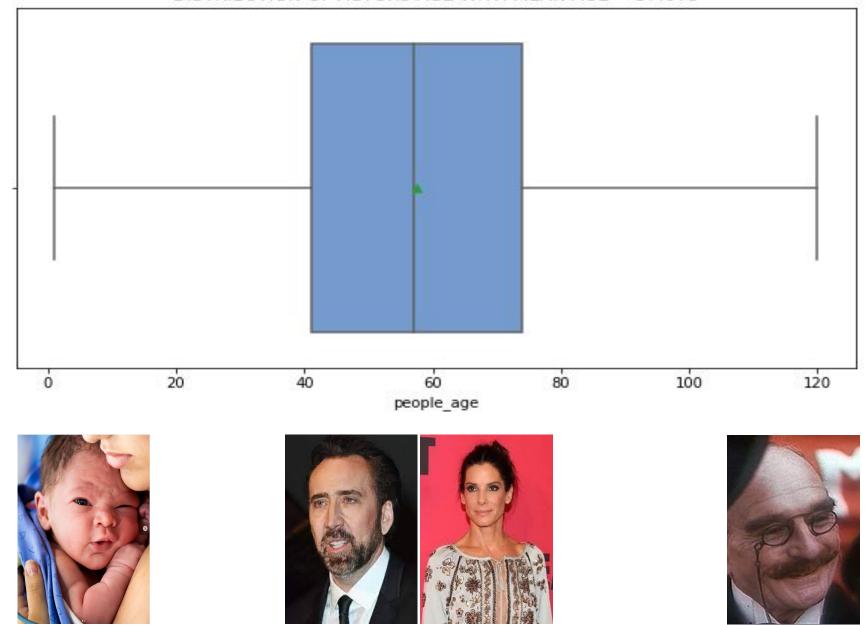
Actors Statistics



Average Age Actor/Actress today

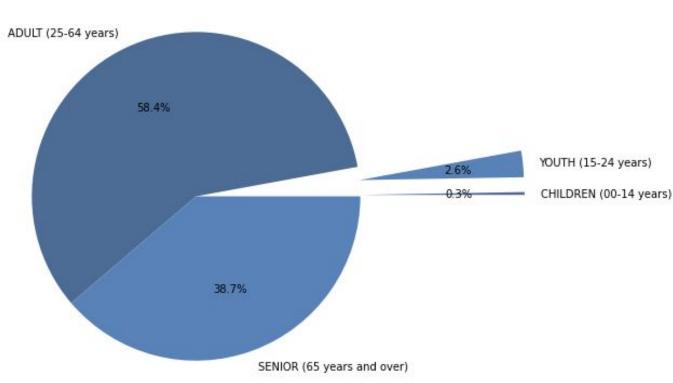
	Actor	Actress
Dead	69.59	72.83
Alive	52.68	49.67

DISTRIBUTION OF ACTORS AGE WITH MEAN AGE = 57.6YO



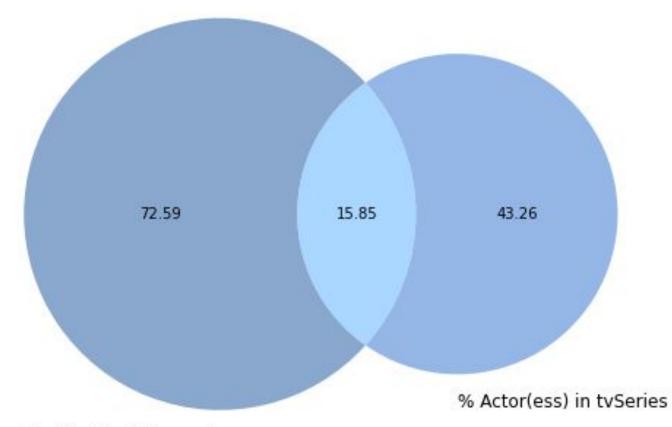
Actors Statistics Actors
Statistics (Age/
Category)





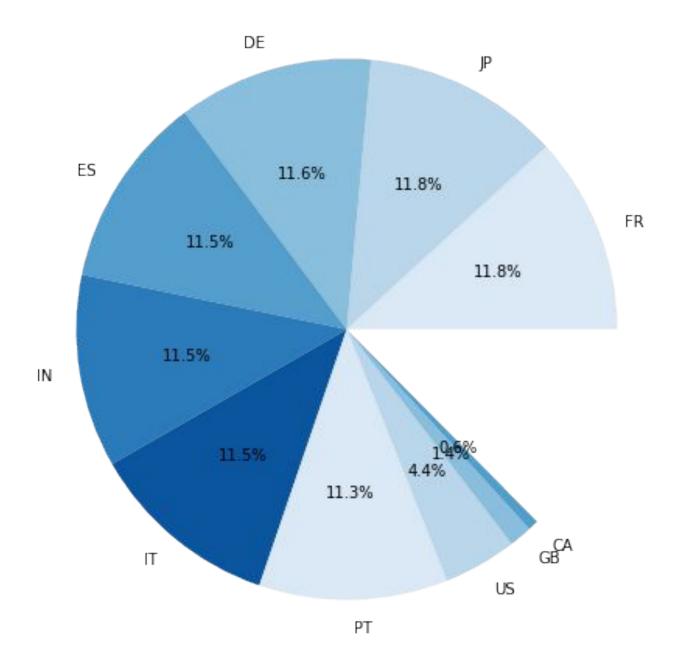
ARE THE ACTORS IN TV SERIES THE SAME AS IN MOVIES (Percentage)

Actors
Statistics
(movies/ TV
series)



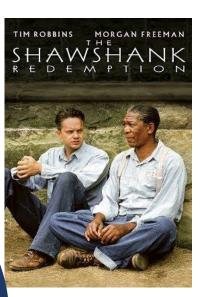
% Actor(ess) in movie

Countries produce more movies/series



Movies Statistics

Top 10 movies with highest votes:



Number of votes: 2,489,727

Rating: 9.3 Year: 1994 Minutes: 142



Num.votes: 2,442,432 Rating: 9 Year: 2008 Minutes:152



Num.votes: 2,191,693 Rating: 8.8 Year: 2010 Minutes:148



Num.votes: 1,960,728 Rating: 8.8 Year: 1999 Minutes:139



Num.votes: 1,924,688 Rating: 8.9 Year: 1994 Minutes:154



Num.votes: 1,923,671 Rating: 8.8 Year:1994 Minutes:142



Num.votes: 1,776,732 Rating: 8.7 Year: 1999 Minutes: 136



Num.votes: 1,743,718 Rating: 8.8 Year: 2001 Minutes:178

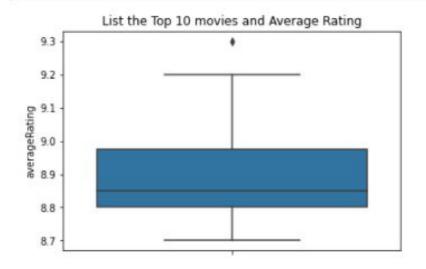


Num.votes: 1,722,424 Rating: 8.9 Year: 2003 Minutes:201

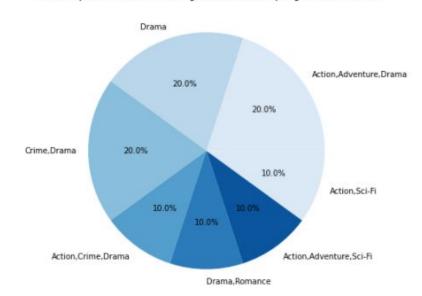


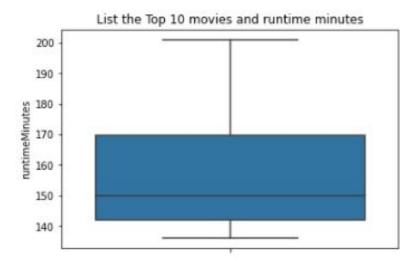
Num.votes: 1,717,256 Rating: 9.2 Year: 1972 Minutes:175

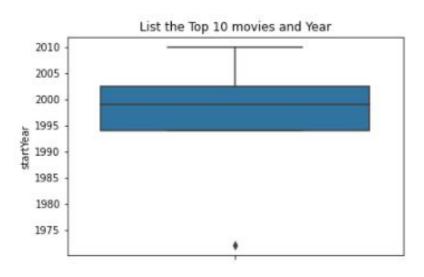
Movies Statistics (Top 10 movies)



List the Top 10 movies with the highest voter count per genre combination







Top 2 movies between years 2018 and 2020:

Movies Statistics



Num of votes: 940,798

Rating: 8.4 **Year:** 2018



Num of votes: 960,530

Rating: 8.4 Year: 2019



Num of votes: 685,926

Rating: 7.3 Year:2018



Num of votes: 435,572

Rating: 7.4 **Year:** 2020



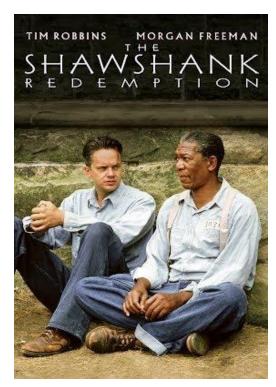
Num of votes: 1,094,544

Rating: 8.4 **Year:** 2019



Num of votes: 284,654

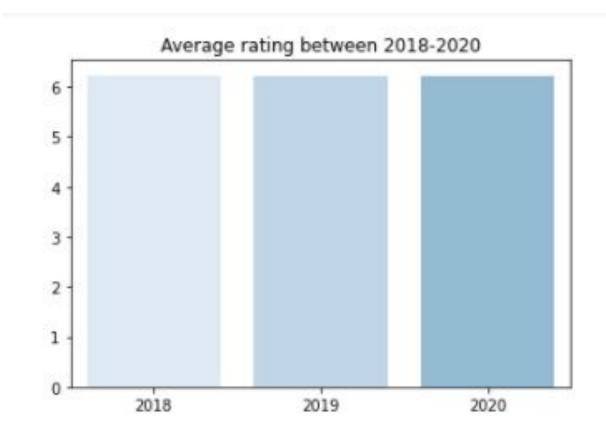
Rating: 8.1 **Year:** 2020



Number of votes 2,487,195 Rating: 9.3

Averages

Movies Statistics



RECOMMENDATION SYSTEM

THANK YOU!

QUESTIONS?