

Project 3

DASC 5300

Dr. Upendranath Chakravarthy

Team 9:

Alishbah Fahad (1001924185)

Kshitiz Khadka (1001990191)

Analysis 1

We chose three genres for Analysis 1: crime, thriller, and mystery. We have selected one Title Type: movie. Then, from 2000 to 2015, we created an output for those three genres and one title type.

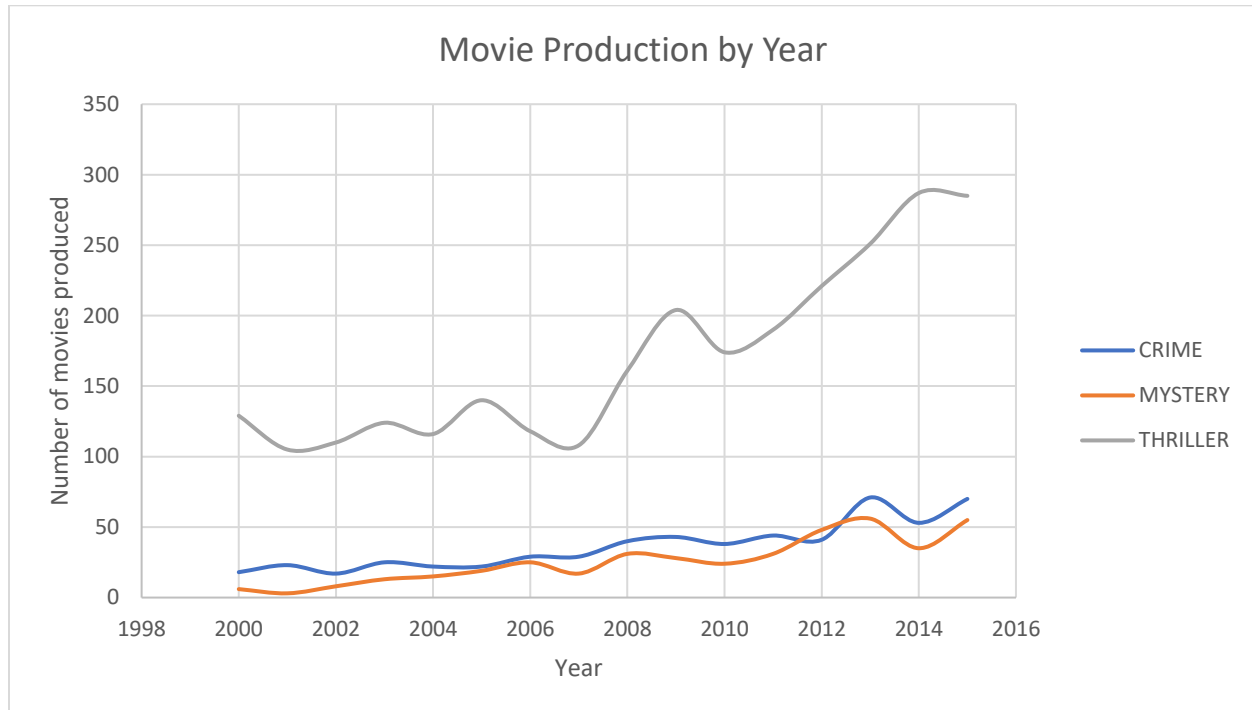
Query:

1. SELECT COUNT(TITLETYPE) AS Movies_produced, GENRES,STARTYEAR
2. FROM sharmac.TITLE_BASICS
3. WHERE GENRES IN ('Crime','Thriller','Mystery') AND (TITLETYPE='movie') AND (STARTYEAR BETWEEN '2000' AND '2015')
4. GROUP BY GENRES,STARTYEAR
5. ORDER BY STARTYEAR;

Output:

Genres	Year	movies_produced	Genres	Year	movies_produced	Genres	Year	movies_produced
Crime	2000	18	Mystery	2000	6	Thriller	2000	129
Crime	2001	23	Mystery	2001	3	Thriller	2001	105
Crime	2002	17	Mystery	2002	8	Thriller	2002	110
Crime	2003	25	Mystery	2003	13	Thriller	2003	124
Crime	2004	22	Mystery	2004	15	Thriller	2004	116
Crime	2005	22	Mystery	2005	19	Thriller	2005	140
Crime	2006	29	Mystery	2006	25	Thriller	2006	118
Crime	2007	29	Mystery	2007	17	Thriller	2007	108
Crime	2008	40	Mystery	2008	31	Thriller	2008	161
Crime	2009	43	Mystery	2009	28	Thriller	2009	204
Crime	2010	38	Mystery	2010	24	Thriller	2010	174
Crime	2011	44	Mystery	2011	31	Thriller	2011	190
Crime	2012	41	Mystery	2012	48	Thriller	2012	221
Crime	2013	71	Mystery	2013	56	Thriller	2013	251
Crime	2014	53	Mystery	2014	35	Thriller	2014	287
Crime	2015	70	Mystery	2015	55	Thriller	2015	285

Graph:



The line graph above shows that thriller films have been produced at a much higher rate than crime and mystery films. And crime films are produced at a higher rate than mystery films. When you look at the entire graph, you can see that all three movie genres have increased. This can be interpreted as movies producing more than ever before. In the year 2000, there were 129 thriller films produced, while in 2015, there were 285. The production number increased by 120 percent during the period of 15 years. Furthermore, the production rate of thriller films has remained distinct from that of crime and mystery films between the years 2000 and 2015. Thriller film production fell from 2006 to 2008, but resumed in 2009. Aside from 2014, when both genres saw a decrease in production, mystery and crime movies had quite a consistent rate of incrementation.

Based on this, we can conclude that the number of movies produced has increased at a faster rate in all three genres over the years.

Analysis 2

For analysis 2, we chose 'Drama' as a Genre, 'movie' as a Title Type, and Orson Welles (nm0000080) as a Director. We chose just one actor to represent our data.

We have written our query for all actors with 'Crime' as a Genre and 'movie' as a Title Type. We got '27390 Rows' from that. Because it is impractical to represent a table and graph with 27390 rows, we are only representing the table and graph for one actor.

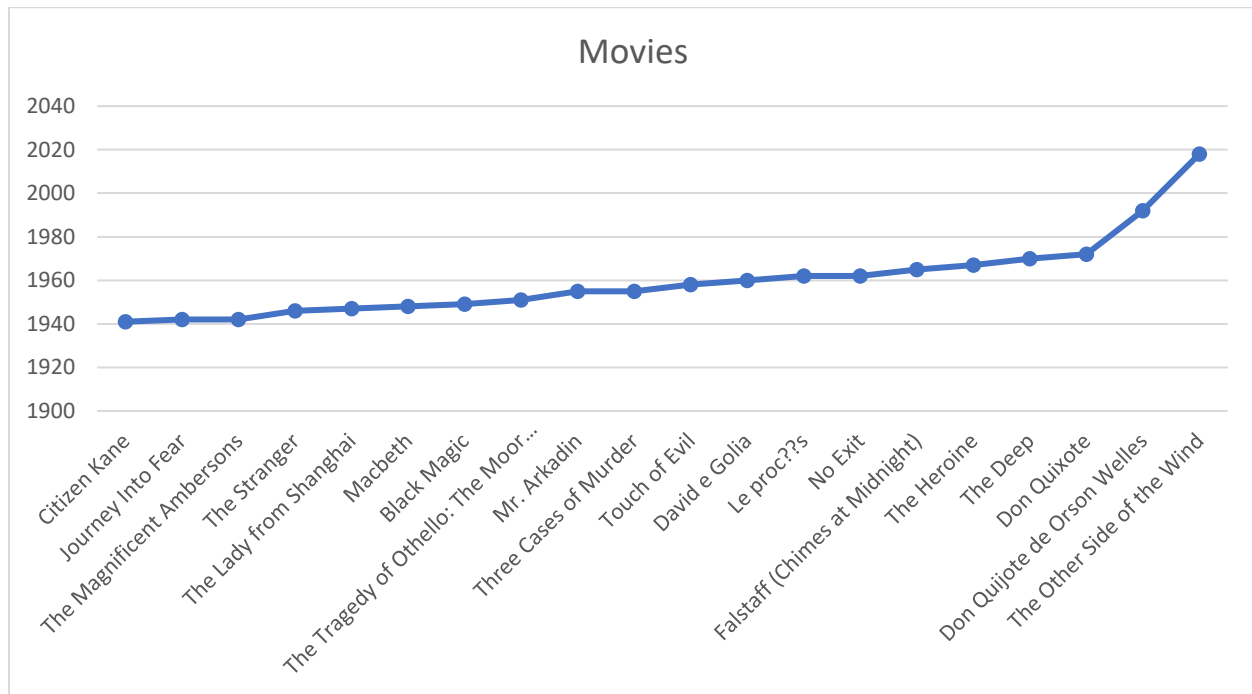
Query:

1. SELECT COUNT(TITLE_BASICS.TITLETYPE), TITLE_BASICS.ORIGINALTITLE,
2. TITLE_BASICS.STARTYEAR, NAME_BASICS.PRIMARYNAME
3. FROM TITLE_CREW_DIR
4. INNER JOIN
5. NAME_BASICS ON NAME_BASICS.NCONST=TITLE_CREW_DIR.DIRECTORS
6. INNER JOIN
7. TITLE_PRINCIPALS ON TITLE_PRINCIPALS.TCONST=TITLE_CREW_DIR.TCONST
8. INNER JOIN
9. TITLE_BASICS ON TITLE_BASICS.TCONST=TITLE_CREW_DIR.TCONST
10. WHERE (TITLE_BASICS.GENRES LIKE '%Crime%') AND (TITLE_BASICS.TITLETYPE='movie')
11. GROUP BY TITLE_BASICS.ORIGINALTITLE,TITLE_BASICS.STARTYEAR,
12. NAME_BASICS.PRIMARYNAME;

Output:

Movies	STARTYEAR
Citizen Kane	1941
Journey Into Fear	1942
The Magnificent Ambersons	1942
The Stranger	1946
The Lady from Shanghai	1947
Macbeth	1948
Black Magic	1949
The Tragedy of Othello: The Moor of Venice	1951
Mr. Arkadin	1955
Three Cases of Murder	1955
Touch of Evil	1958
David e Golia	1960
Le proc??s	1962
No Exit	1962
Falstaff (Chimes at Midnight)	1965
The Heroine	1967
The Deep	1970
Don Quixote	1972
Don Quijote de Orson Welles	1992
The Other Side of the Wind	2018

Graph:



The graph above depicts all of the films directed and acted in by Orson Welles. As we can see, he has been quite active as both a director and an actor. Until 1972, said actor maintained a consistent level of output. We can see that there was a 20-year gap before his next film in 1992, and another 26-year gap before his next film in 2018. Further investigation into why there was such a large gap after 1972 revealed that the actor/director died in 1985. The 1992 film is unfinished, and his most recent film, released in 2018, was shot previously but cancelled due to certain factors preventing it from being released sooner.

Analysis 3

For analysis 3, we have chosen actress Emma Thompson whose id is nm0000668 and produced an output for all the movies she has acted in the given dataset.

Query:

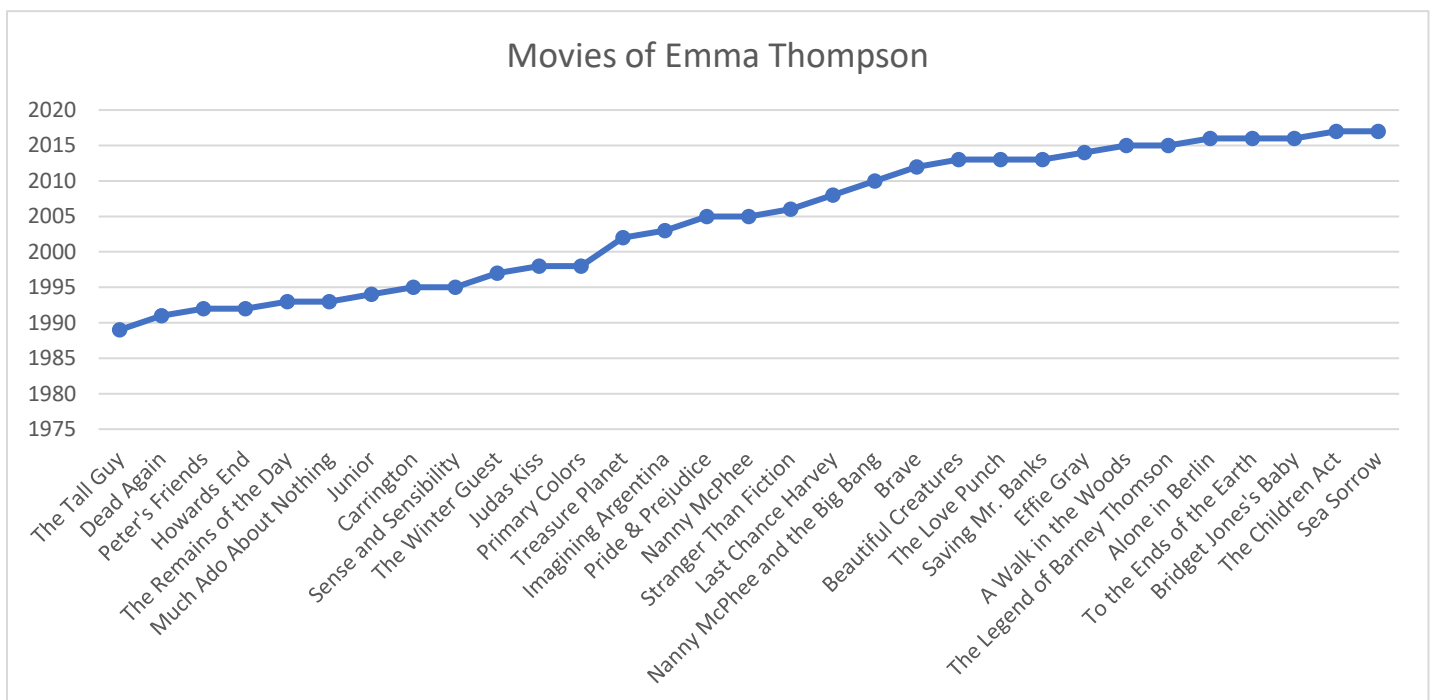
1. SELECT TITLE_BASICS.ORIGINALTITLE, TITLE_BASICS.STARTYEAR,
COUNT(TITLE_BASICS.TITLETYPE)
2. FROM TITLE_PRINCIPALS
3. INNER JOIN
4. NAME_BASICS ON NAME_BASICS.NCONST=TITLE_PRINCIPALS.NCONST
5. INNER JOIN
6. TITLE_BASICS ON TITLE_BASICS.TCONST=TITLE_PRINCIPALS.TCONST
7. WHERE NAME_BASICS.NCONST IN ('nm0000668') AND (TITLE_BASICS.TITLETYPE='movie')
8. GROUP BY TITLE_BASICS.ORIGINALTITLE,TITLE_BASICS.STARTYEAR;

Output:

Movies	STARTYEAR
The Tall Guy	1989
Dead Again	1991
Peter's Friends	1992
Howards End	1992
The Remains of the Day	1993
Much Ado About Nothing	1993
Junior	1994
Carrington	1995
Sense and Sensibility	1995
The Winter Guest	1997
Judas Kiss	1998
Primary Colors	1998
Treasure Planet	2002
Imagining Argentina	2003
Pride & Prejudice	2005
Nanny McPhee	2005
Stranger Than Fiction	2006
Last Chance Harvey	2008
Nanny McPhee and the Big Bang	2010
Brave	2012
Beautiful Creatures	2013
The Love Punch	2013

Saving Mr. Banks	2013
Effie Gray	2014
A Walk in the Woods	2015
The Legend of Barney Thomson	2015
Alone in Berlin	2016
To the Ends of the Earth	2016
Bridget Jones's Baby	2016
The Children Act	2017
Sea Sorrow	2017

Graph:



We wanted to see all of the films in which Emma Thompson has appeared and how active she has been as an actor over the course of her career. We can see from the output and the graph that she has consistently produced work from 1989 to 2017. The longest gap she has taken is three years, from 1998 to 2002. In 2013, and 2016, she made three films in a year, which is the most she has done in a single year. She frequently appears in two films released in the same year. Based on the analysis, we can conclude that she has maintained her career as an actor and is at the pinnacle of her career, based on the number of films in which she has appeared.