

DASC 5300:FOUNDATION OF COMPUTING

Project III: Disk-based Data Analysis

Team#31

‘YEAR’: 2010 to 2020

‘ACTOR’: Alec Baldwin and Helen Mirren

‘Fav ACTOR’: Akshay kumar and Deepika Padukone

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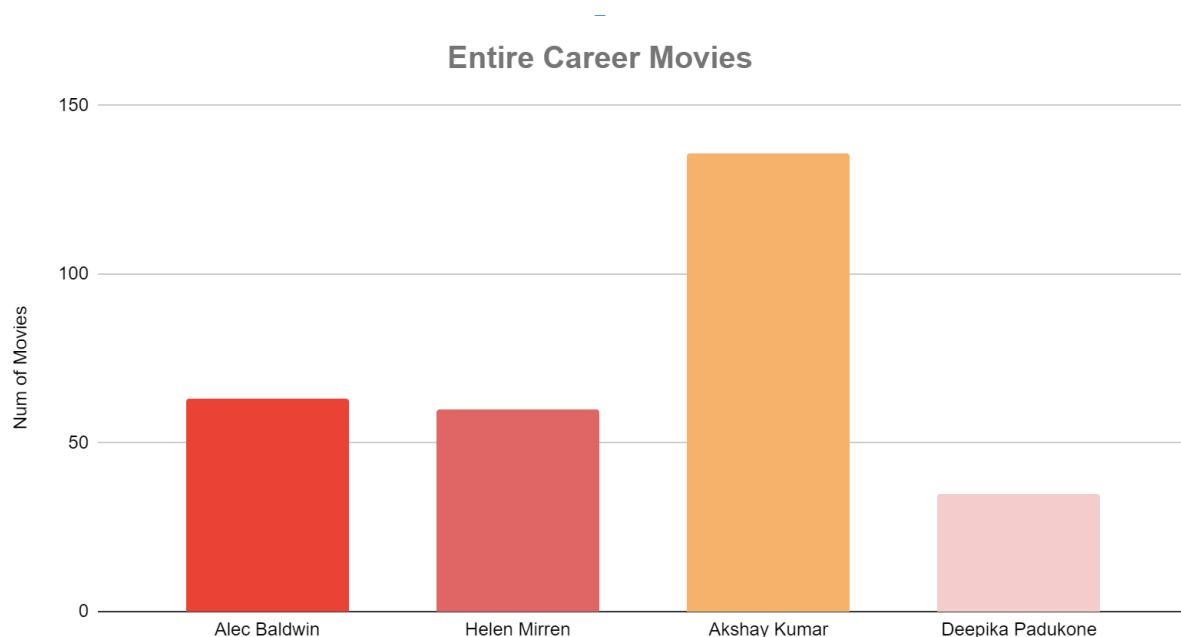
Overall Status:

I have completed all two analyses. As well as, I verified the output using correctness check query successfully. I have provided the analysis along with visual representation of graphs with details in report.

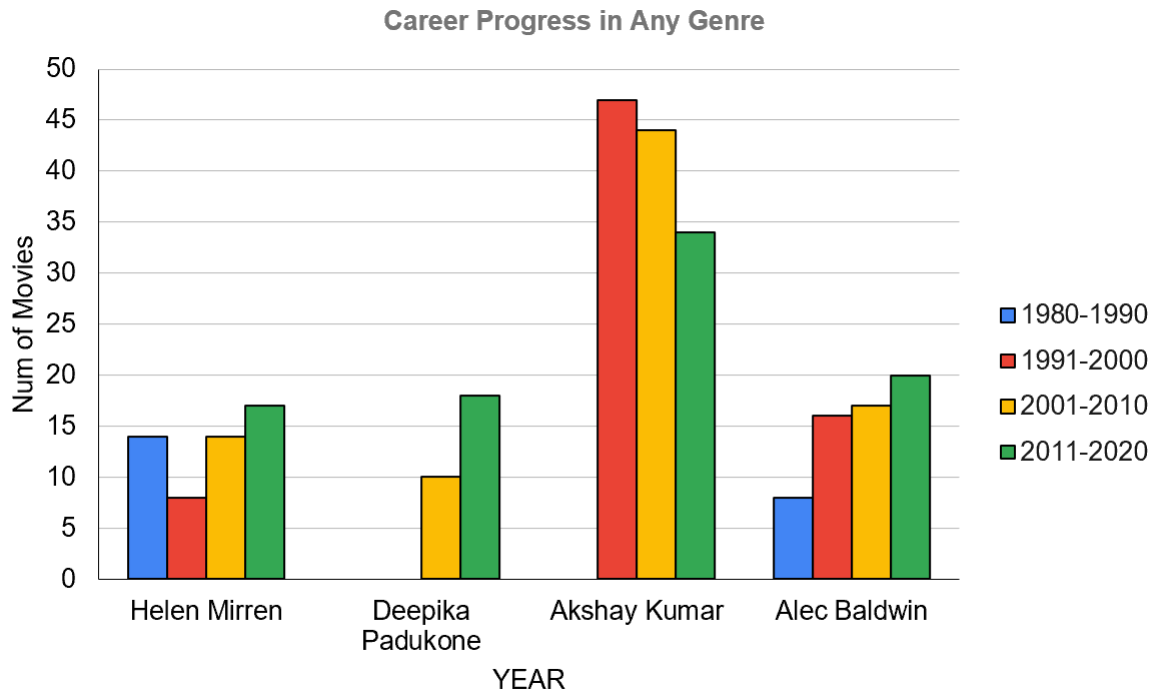
File Description:

I have used sql and output extension which include query and output of that query. I have saved all the code and analysis in Analysis1-a.sql, Analysis1-b.sql, Analysis2.sql, Analysis1-a.output, Analysis1-b.output, Analysis2.output, Correctness1-a.sql, Correctness1-b.sql, Correctness2.sql, Correctness1-a.output, Correctness1-b.output, Correctness2.output, Corectness1-a.xlsx,Correctness1-b.xlsx, Corectness2.xlsx, Visuali_Analysis1B_AnyGen.xlsx, Visuali_Analysis1BComedy, Visuali_Analysis1BDrama.

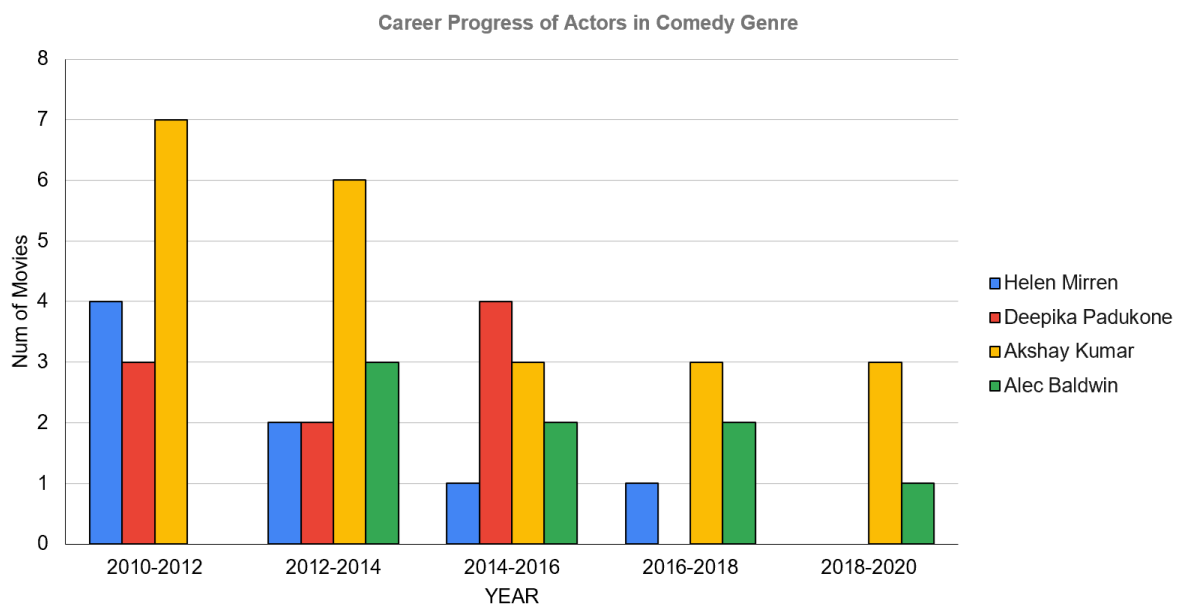
Analysis 1:



1. For analysis one I have taken three tables for count number of movies done by '**Alec Baldwin**', '**Helen Mirren**', '**Akshay Kumar**' and '**Deepika Padukone**' in his career.
2. From analysis 1A, Parameter actor Alec Baldwin done total 63 movies and actress Helen Mirren done 60 movies in their entire career. So, actor Alec Baldwin did more movies compared to Helen Mirren.
3. As well as, Favourite actor Akshay kumar done 136 movies and actress Deepika Padukone Done 35 movies in her entire career.
4. So, Actor Akshay kumar did 136 movies which is higher than these 3 actors.

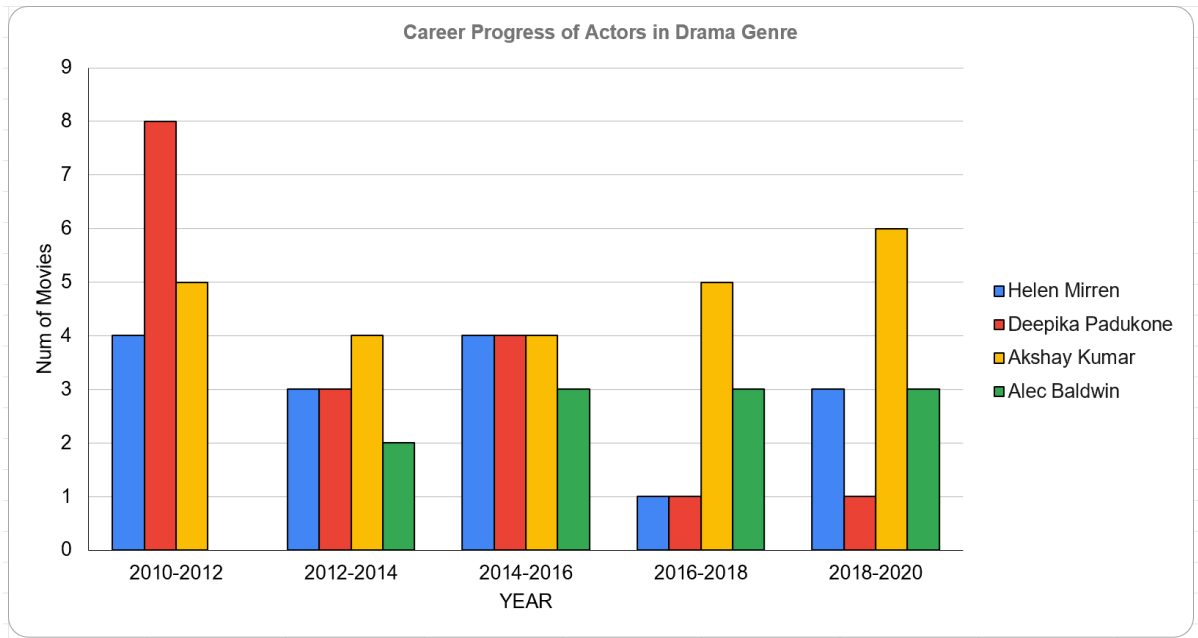


5. From above graph, parameter actor did highest movies in year 1991-2020 as compare to Helen Mirren.
6. Also, in year Helen Mirren did highest movie in year 1980-1990 than Alec Baldwin.
7. Favourite actor akshay kumar did highest movies and in 1991-2000 he was at top of his career.
8. Helen Mirren was top of in his career in 2011-2020.
9. Deepika Padukone was top of in his career in 2011-2020.
10. It can be analyzed that Alec Baldwin's start of career was not good but after that he did well and was top of in his career in 2011-2020.



11. From the above graph, parameter actor Helen Mirren did overall more films of comedy genre as compare to actor Alec Baldwin.
12. In year 2012-2014 parameter actor Alec Baldwin and Helen Mirren did same movies of comedy genre.

13. In year 2014-2016 favourite actor Deepika Padukone did more movies as compare to actor Akshay Kumar.
14. Overall in comedy genre, actor Akshay Kumar did more movies as compare to other.
15. Parameter actors did same number of movies in comedy genre from year 2010 to 2020.
16. Parameter actress Helen Mirren and favourite actress Deepika Padukone did not participate in comedy genre movies in year 2018-2020.



17. From the above graph, parameter actor Alec Baldwin did not done any dram film in 2010 to 2012.
18. Actress Helen Mirren did 12 Drama films and actor Alec Baldwin did 11 drama films. So, Helen Mirren did more drama films.
19. Favourite actress Deepika Padukone did 17 drama films whereas actor Akshay Kumar did 24 drama films. So, Akshay Kumar did more drama film as compare to Deepika Padukone.
20. In year 2018 to 2020, Parameter actor Alec Baldwin and Helen Mirren did same number of Drama Films.

Analysis 2:

1. I have written 6 different queries for getting the maximum and the minimum number of movies done by actors and actresses.
2. I have written queries for getting the maximum number of movies done by actor/ actress in the range of 2010 and 2020.
3. From Analysis 2 query, Actor Brahmanandam did 32 movies in 2010 which is maximum movie in a year as compare to other actors.
4. Actor Brahmanandam owns a Guinness World Record for 'most screen credits for a living actor' in less than 30 years.
5. Actress Sireah Warden did 50 movies in 2019 which is maximum movies as compare to the other actress.
6. Actress Sireah is a porn star. She worked in different categories of adult films.
7. The Male Actor who acted in a minimum of 4 movies from the top is Manoj Bajpayee in the year 2010.
8. The Male Actor who acted in a minimum of 4 movies from the bottom is Roger Guenveur Smith in the year 2020.
9. The Female Actor who acted in a minimum of 4 movies from the top is Trisha Krishnan in the year 2010.
10. The Female Actor who acted in a minimum of 4 movies from the bottom is Ryôko Hirosue in the year 2020.

Division of Labor:

- I have completed the project by myself.

Problems encountered and how we overcome those problems:

- Some correctness query output is large and can not directly verify in that oracle sql developer tool, So I have to use excel to verify it.

Correctness Analysis:

- To analysis results, I have written a separate query to verify the output of all analysis and by importing correctness query result to excel I am easily able to verify the output of the queries.

References:

[Brahmanandam - Wikipedia](#)

[Sireah Warden - IMDb](#)

[SQL*Plus Quick Start \(oracle.com\)](#)

[SQL Tutorial \(w3schools.com\)](#)