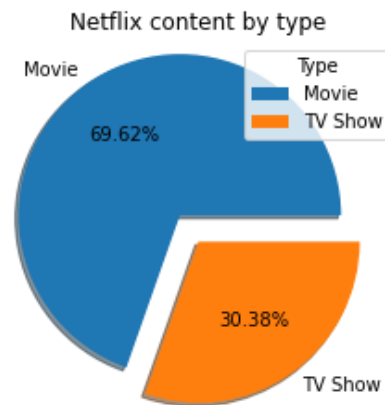


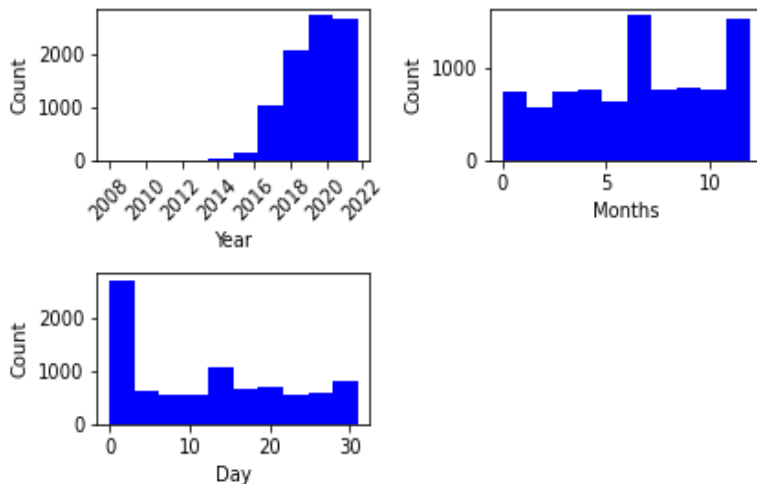
Analysis of Netflix Movies and TV Shows

Netflix is an American streaming service offering a numerous movies and television series. The dataset provides the information on all the Netflix TV shows and movies. It consists of the details about: show_id, type, title, director, cast, country, date added, release year, rating, duration, genre and description. In this analysis, we used three visualization methods for the data exploration. The findings from these methods helped to understand some interesting trends in the data and they are discussed below in detail.

The pie chart is drawn to find the percentage of movies and TV shows added into Netflix. The chart illustrates that the number of movies in Netflix are in higher percentage than that of TV shows. Movies account for around 70% while the TV shows for 30% in the Netflix content.



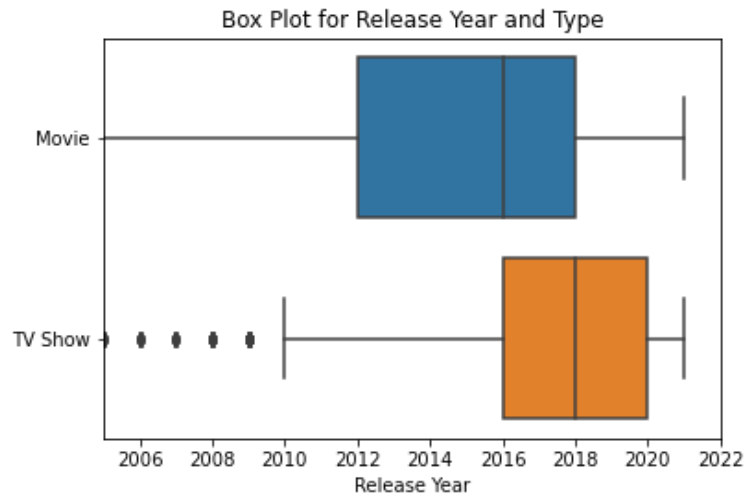
Histogram for Netflix content added by Year, Month, Day



The histogram helps to understand the distribution of data. Although Netflix has launched on August 29, 1997, from the graph we can observe that TV shows/movies added are more in the recent years from 2016-2021. Netflix has added more than a two thousand films in year 2019 to 2020. In the months of July and December, Netflix has added a greater number of shows/movies. At the beginning of each month, this platform adds more content.

There might be a correlation between the addition of movies to the Netflix and month. As December is a holiday season, there might be a greater number of movies and shows added, as it can earn a large number of views. However, the type of show that is added more in these months are to be explored.

The mean value for the movies released is 2016 and for the TV shows it is 2018. It depicts that greater number of TV shows are released in the year 2018 and the movies in the year 2016. The movies released are existing since many years such as 2012-2018 than the TV shows which are from the year 2016-2020. We can observe that in the recent years Netflix emphasized its type more in the TV shows.



Reference: Dataset acquired from Kaggle