**1st Dashboard (Movie Gross Numbers):**

* Movie Gross number means total box office of the movie, basically revenue of the movie.
* I used the 1st sheet as filter sheet. I put the filter for movie gross numbers.
* I used packed bubbles for 1st movie gross - movie budget sheet and I used scatter plots for 2nd movie gross - movie budget sheet. Datas are same for both of the sheets but I want to show different visualizations for same data.
* In the packed bubbles one, bubble size represents movie gross number and bubble's color represents movie budget number. Bubble grows according to how large the movie gross is. The color gets darker when their movie budget is higher.
* In the scatter plots one, rows represent movie budget and columns represent movie gross numbers. Each circle represents a movie title.
* In the top right sheet, I used scatter plots to visualize the correlation between movie gross numbers and movie Imdb ratings. Rows represent movie gross numbers and columns represent Imdb ratings. . Each circle represents a movie title.
* In the last sheet, I wanted to show average movie gross number and average movie budget number by country. I used symbol maps. Each bubble represents a country. Bubble sizes represent average budget number of the country and colors represent average gross number of the country.

**2nd Dashboard(Genres):**

* I used the top sheet as a filter here. Each color represents different main genre.
* In the top sheet, I used area chart (continuous). Rows represent number of movie records in the data I used, and columns represent years. As you see, I don't have many movie records in my data before 1980s.
* In the bottom left sheet, I used packed bubbles. As you see bubbles are separated by colors that I decided at the top sheet. Bubble sizes represent movie gross number.
* In the bottom right sheet, I used horizontal bars. Rows represent subgenres, and columns represent number of movie records under certain combined genres as main genre and subgenre. Colors represent main genres.

**3rd Dashboard (Number of Total Movies):**

* In the 1st text table on the left, rows represent leading actors and first column represents each actor's average Imdb ratings, second column represents a certain actor's number of movie records in the data I used.
* In the 2nd text table, rows represent directors and first column represents each director's average Imdb ratings, second column represents a certain director's number of movie records in the data I used.
* In the first line visualization, rows represent average movie gross numbers in a certain year, columns represent years. And the line's color gets darker when number of movie record is higher.
* In the second line visualization, rows represents average Imdb ratings in a certain year and columns represent years. Same thing for the line's color.
* In the third line visualization, rows represents average movie budget numbers in a certain year, columns represent years. Same thing for the line's color.
* And last one is horizontal bars, rows represent each country and columns represent number of movie records under certain country.

**4th Dashboard (Imdb Ratings):**

* In the top left sheet, I used highligt tables. Rows represent years. Columns represent leading actor, supporting actors and movie's Imdb ratings.
* In the top right sheet, I used scatter plots. Rows represents movie cast's total facebook likes, and columns represent average Imdb ratings. Each circle represents a movie title, and circles' colors represent the year.
* In the bottom left sheet, I used treemaps. Each box represents a country with average Imdb ratings of the movies based in that country.
* In the bottom right sheet, I used packed bubbles. Bubble size represents each leading actor's movies' total gross number. The color represents each leading actors' average Imdb ratings from all of their movies.

**5th Dashboard (Directors - Imdb Ratings):**

* In this sheet, I used horizontal bars. Each color represents different movie title. Length of each bar represents that movie's gross number. Rows represent directors.

**6th Dashboard (Academy Awards 1):**

* In the top sheet, I used side-by-side bars. For first bar, blue color represents best picture's Imdb rating and its height represents value of the rating. For second bar, red color represents best picture's nominations and its height represents how many nominations that certain best picture has. I put filters for Imdb ratings, nominations and main genres of best pictures.
* In the bottom left sheet, I used side-by-side bars. For first bar, brown color represents other ethnicities who won Academy Awards as actors or actresses. For second bar, yellow color represents white ethnicity who won Academy Awards as actors or actresses. Bars' heights represent their value in percent.
* In the bottom middle sheet, I used scatter plots. Rows represent best pictures' Imdb ratings, and columns represents best pictures' metacritic ratings. Each circle represents a movie title. As you see, both platforms' ratings high for best pictures. There is correlation between them.
* In the bottom right sheet, I used pie charts. Each color represents an individual. A piece of pie gets bigger when the individual's number of Academy Awards is higher.

**7th Dashboard (Academy Awards 2):**

* In the top sheet, I used scatter plots. Rows represent movies with the most Academy Awards nominations, columns represent. Yellow squares represent the movies with 12 nominations, light green squares represent the movies with 13 nominations and dark green squares represent the movies with 14 nominations. Squares' sizes get bigger when number of Academy Awards wins is higher.
* In the bottom left sheet, I used symbol maps. Each bubble represents a country. Bubble size gets bigger when its number of Academy Awards higher.
* In the bottom right sheet, I used treemaps. Each box represents an actor or actress. Boxes' sizes get bigger when number of nominations is higher. Boxes' colors represent number of wins. The color gets darker when number of wins is higher.