**\*\*Hollywood who and what drives the business\*\***

**Table of Contents:**

1. Introductory section
2. Methodology section
3. References
4. Team
5. Acknowledgments
6. ***Introductory section***

We would like to continue on that see the impact of funds at the congressional election result level.  
We would like to explore and visualize the funding by zip code and analyze the correlation between the spending and results.  
We would also try to use Monte carlo simulation to find out how much money should a candidate spend in a zip code to switch from loss to win.

Finally we will use a geopy library to obtain the lat and long for a zip code or a address and then use mapbox to build a map visualization.

1. ***Methodology section***

*Data Source*  
[Hollywood Theatrical Market Synopsis 1995 to 2021 | Kaggle](https://www.kaggle.com/johnharshith/hollywood-theatrical-market-synopsis-1995-to-2021)

Context

This Dataset contains the data of market analysis built on The Numbers unique categorization system, which uses 6 different criteria to identify a movie. All movies released since 1995 are categorized according to the following attributes: Creative type (factual, contemporary fiction, fantasy etc.), Source (book, play, original screenplay etc.), Genre (drama, horror, documentary etc.), MPAA rating, Production method (live action, digital animation etc.) and Distributor. In order to provide a fair comparison between movies released in different years, all rankings are based on ticket sales, which are calculated using average ticket prices announced by the MPAA in their annual state of the industry report.

[IMDB 5000 Movie Dataset | Kaggle](https://www.kaggle.com/carolzhangdc/imdb-5000-movie-dataset)

Context

The dataset is from Kaggle website. It contains 28 variables for 5043 movies, spanning across 100 years in 66 countries. There are 2399 unique director names, and thousands of actors/actresses. “imdb\_score” is the response variable while the other 27 variables are possible predictors.

*Methodology*  
We shall be using Python Pandas to do the exploratory data analysis and pyviz framework for visualization.

***References***

1. ***Team***  
   Gurpratap Singh  
   Tyler  
   Rochelle  
   Gregg

5.***Acknowledgements***