

CINEMAKERS INVESTMENTS PREDICTION MODELING

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MOVIE NIGHT

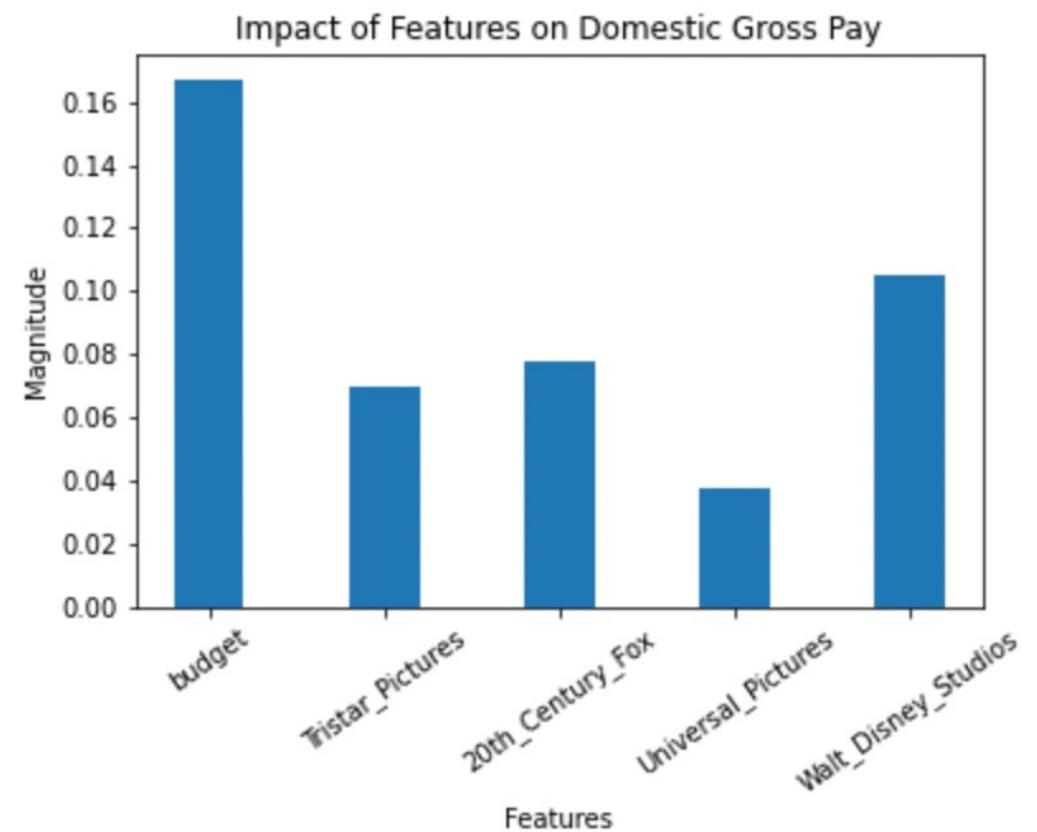
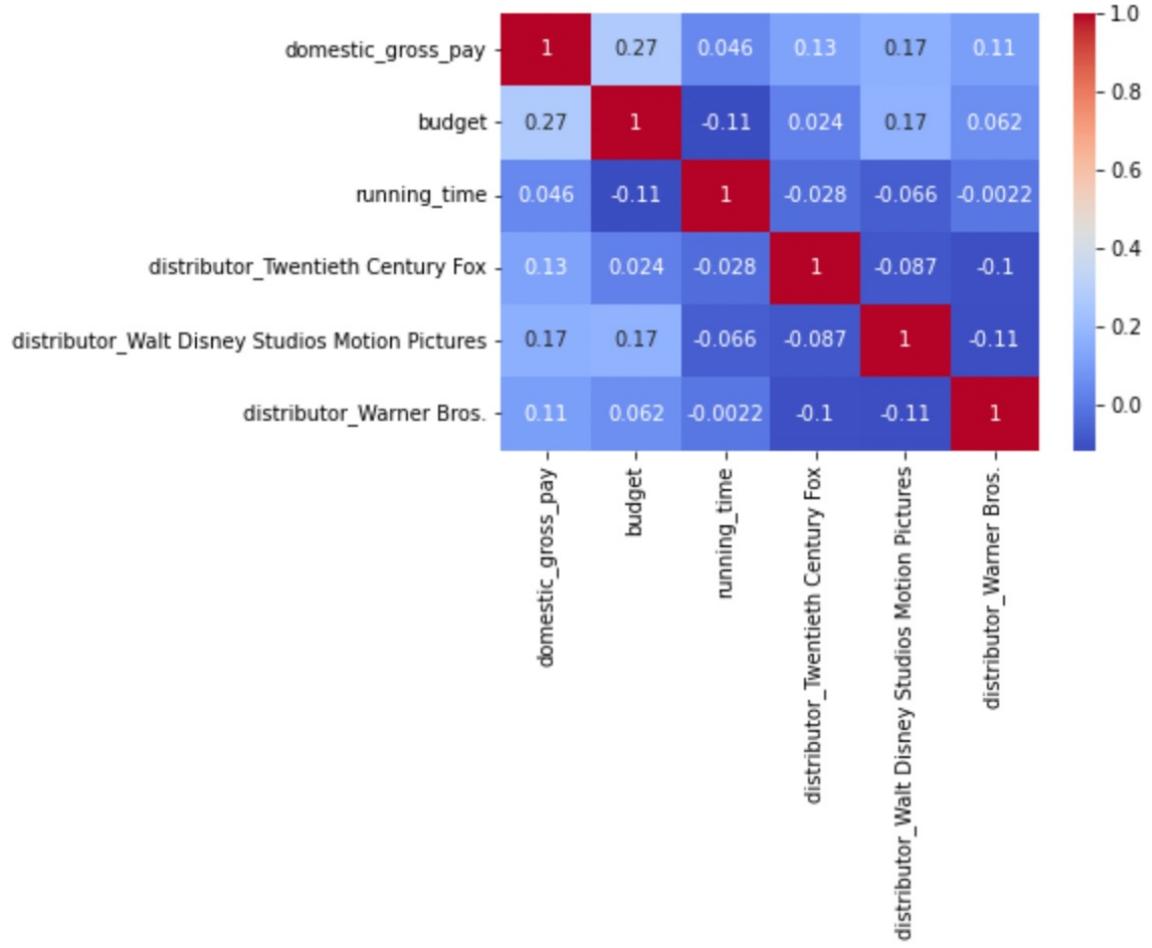
INTRODUCTION

- Background: Cinemakers would like to better predict the future movies to invest in.
- Goal: Provide several features that best predict the Domestic Gross Pay for movies and provide the Domestic Gross Pay prediction.

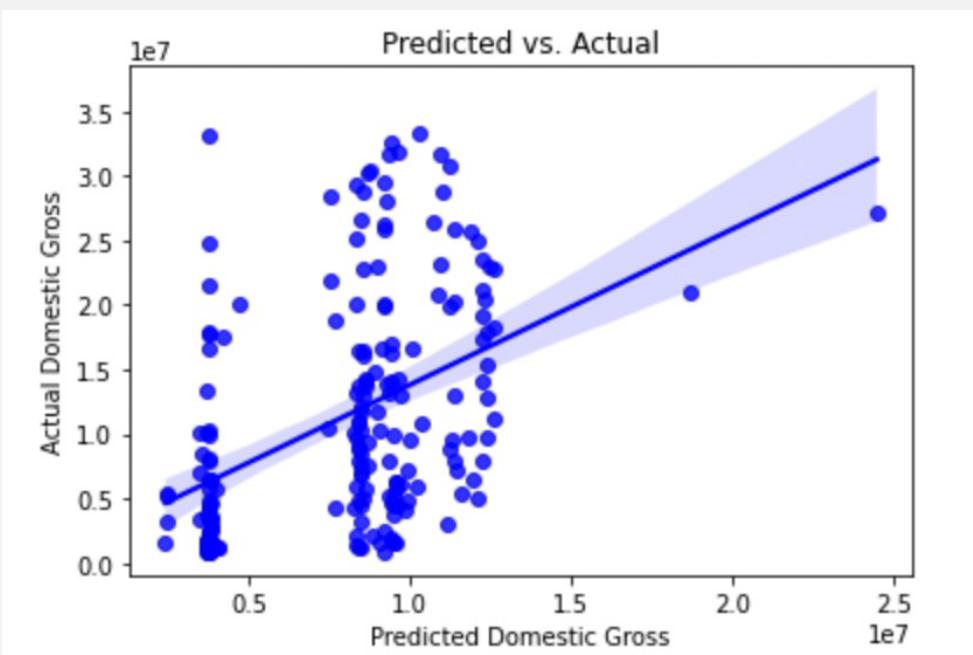
METHODOLOGY



RESULTS #1



RESULTS #2



CONCLUSION

- Features with highest importance to predict Domestic Gross Pay:
 - Budget
 - Distributor (20th Century Fox, Walt Disney Studios, Universal Studios, Tristar Pictures)
 - Running Time