

THE BLOCKBUSTER GOES ABROAD

METIS FALL 2020 JULIA QIAO

Which features matter in the model?

Domestic Opening

Year

Distributors

Foreign Markets

Genres

MPAA Rating

Adaptation

Sequel

Reviews







Domestic Opening

Year

Year X Comedy

Disney X Adaptation

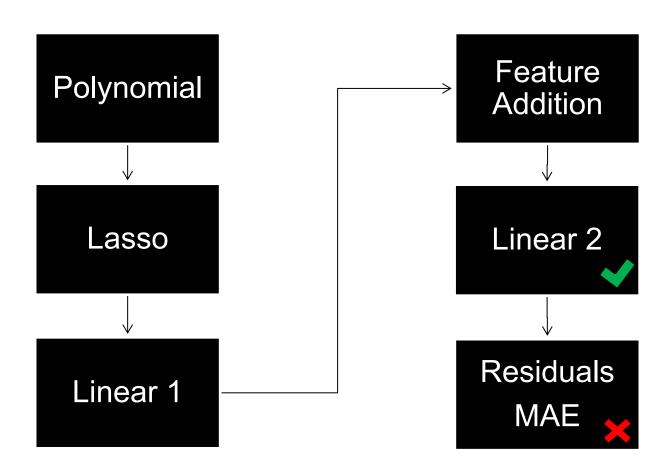
Disney X Foreign Markets

Sequel X Action

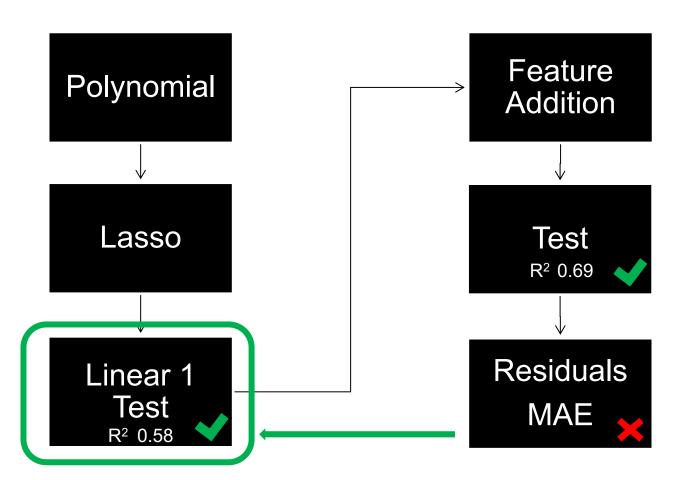
Sequel X Adventure

Action X PG13

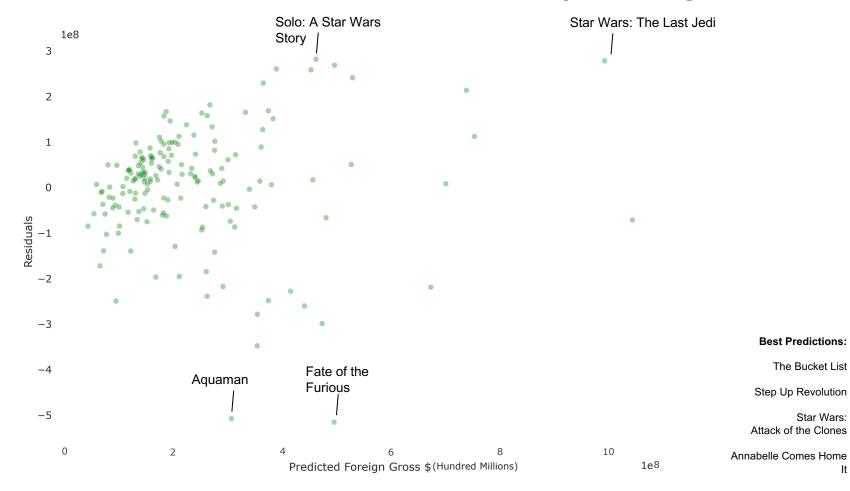
Regression workflow

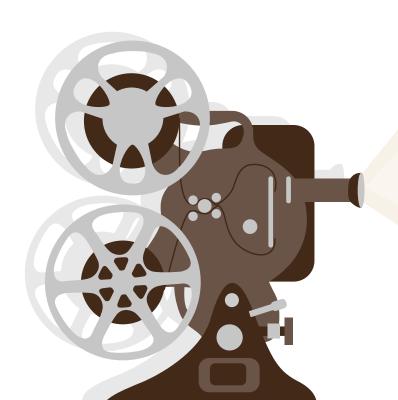


Regression workflow



Residuals: where are we over or under predicting?





THANK YOU!

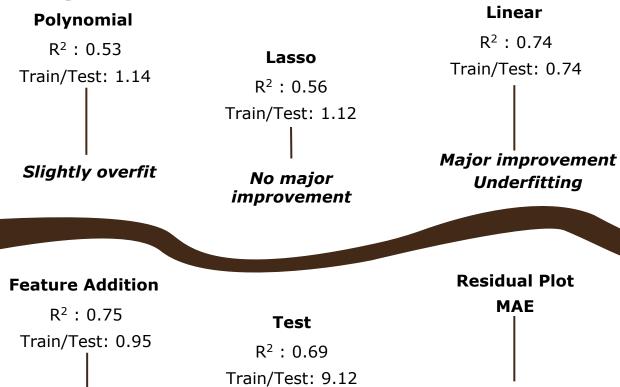
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APPENDIX

Detailed regression workflow

Ready to test



Model wasn't well fit or effective

Residual plot of model with extra features

