



Movie Investments

What movie worth the
most?

Presenters:

Reem Abanmi

Norah Tamsan

Instructor:

Mohammed Baddar

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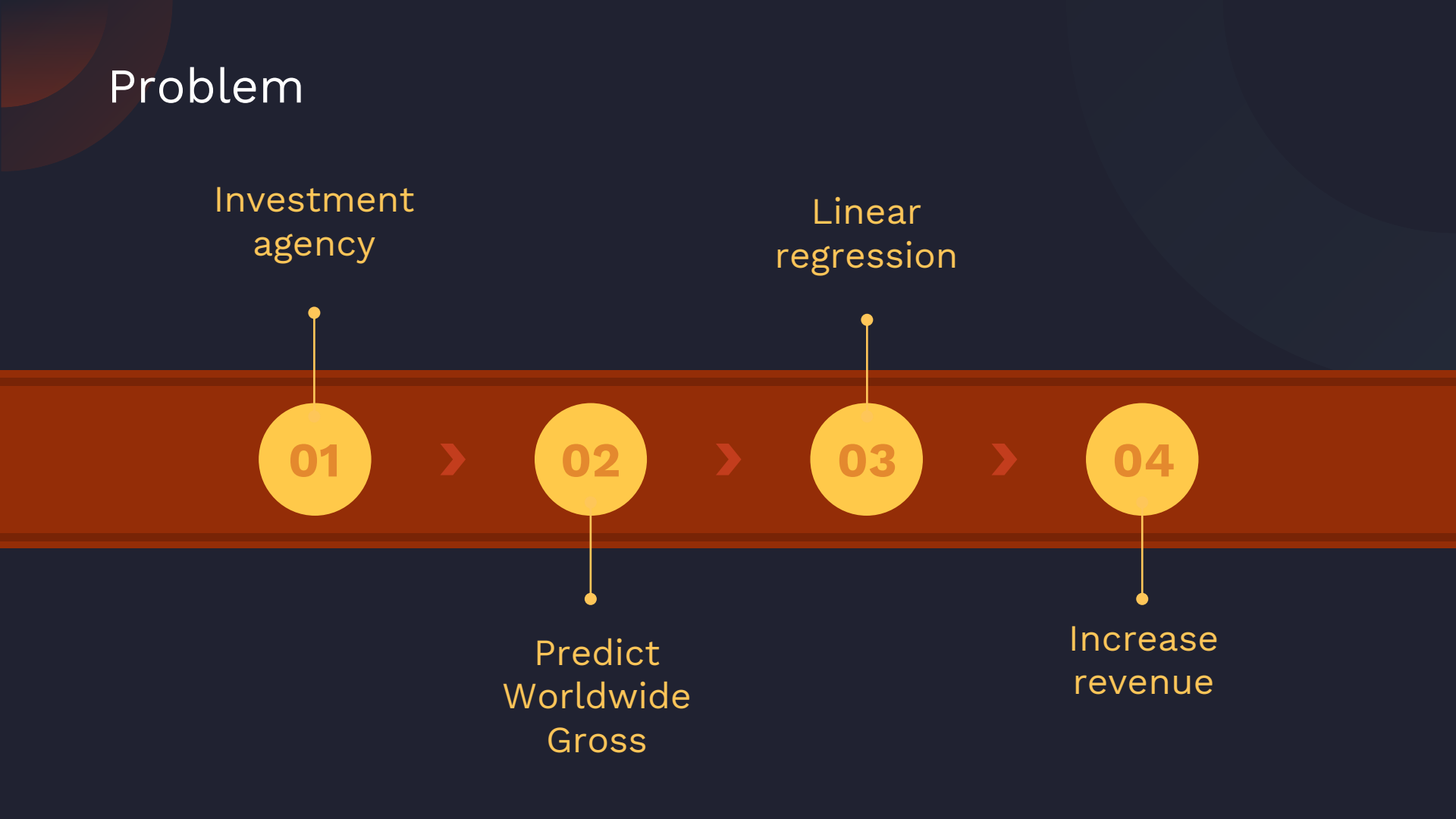


04

Predict
Worldwide
Gross

Linear
regression

Increase
revenue





02

Dataset

BeautifulSoup

Web Scrapping

Box office mojo

Data Source

Random movies From
2011-2021

Chosen data



Dataset (most affecting features)

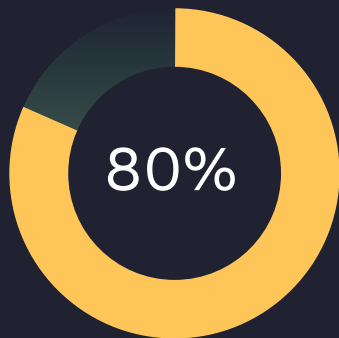


03 Results



Results

Training Set



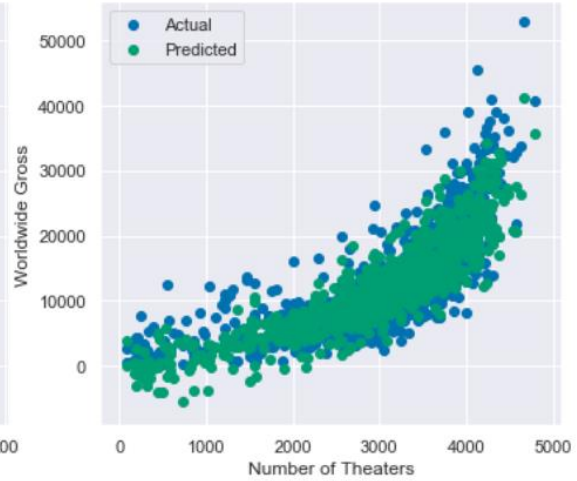
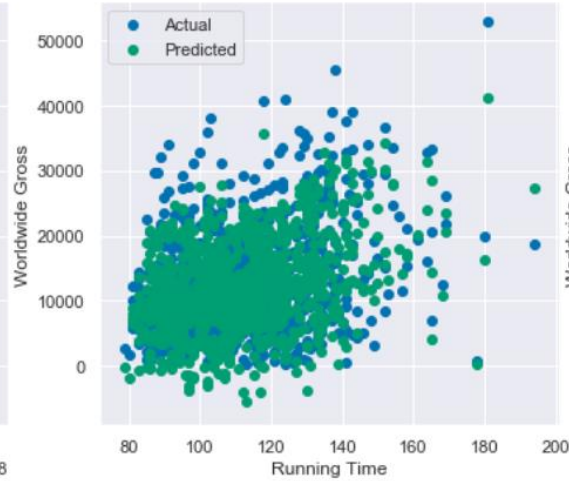
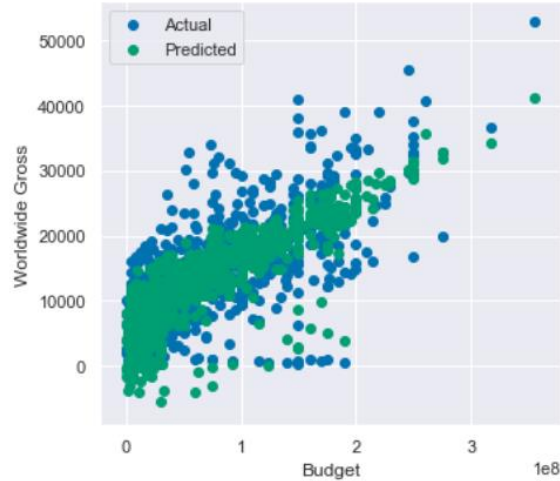
R^2 training set : 74%

Test Set



R^2 Testing set : 71%

Results (Actual Vs Predicted)





Halloween Kills

Predicted Gross = 7930.217000

Actual Gross = 7404.591819



The Suicide Squad

Predicted Gross = 17202.579212

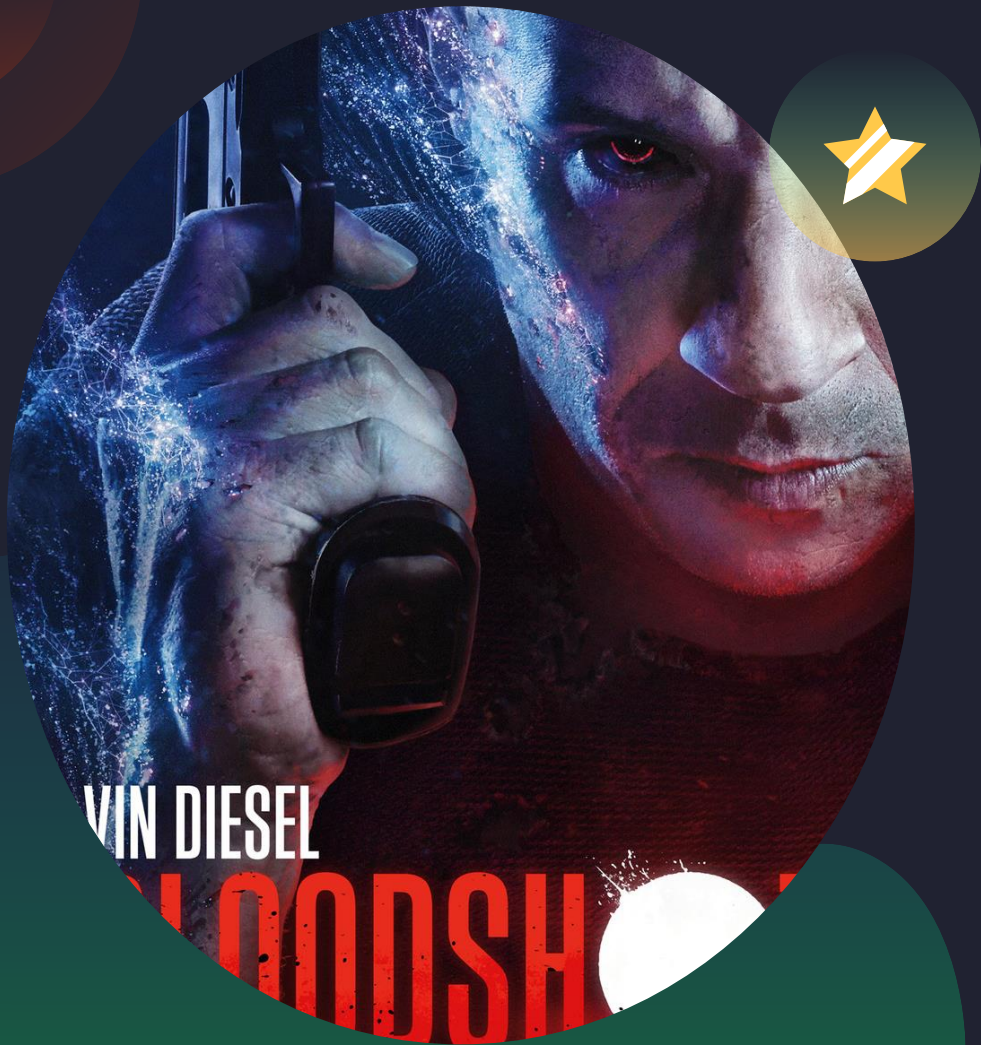
Actual Gross = 12938.323655



Bloodshot

Predicted Gross = 6631.281504

Actual Gross = 5791.585016



Future Work

- ★ Improving the R^2 to 80%
- ★ Predicting the best season for a movie release

Thanks!

Do you have any questions?

Presenters:

Reem Abanmi

Norah Tamsan

Instructor:

Mohammed

Baddar

