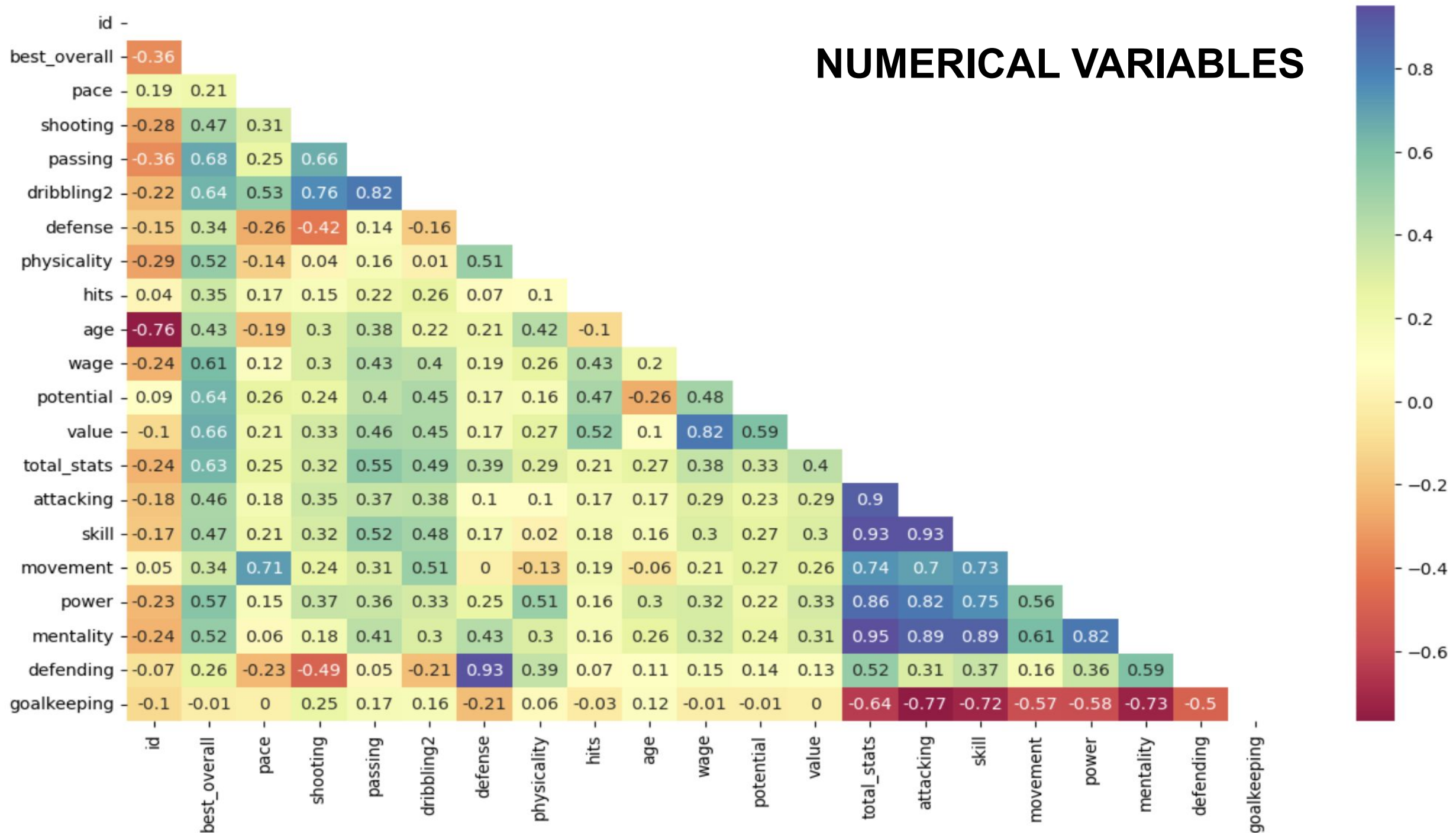


Signing the World's Greatest Footballers



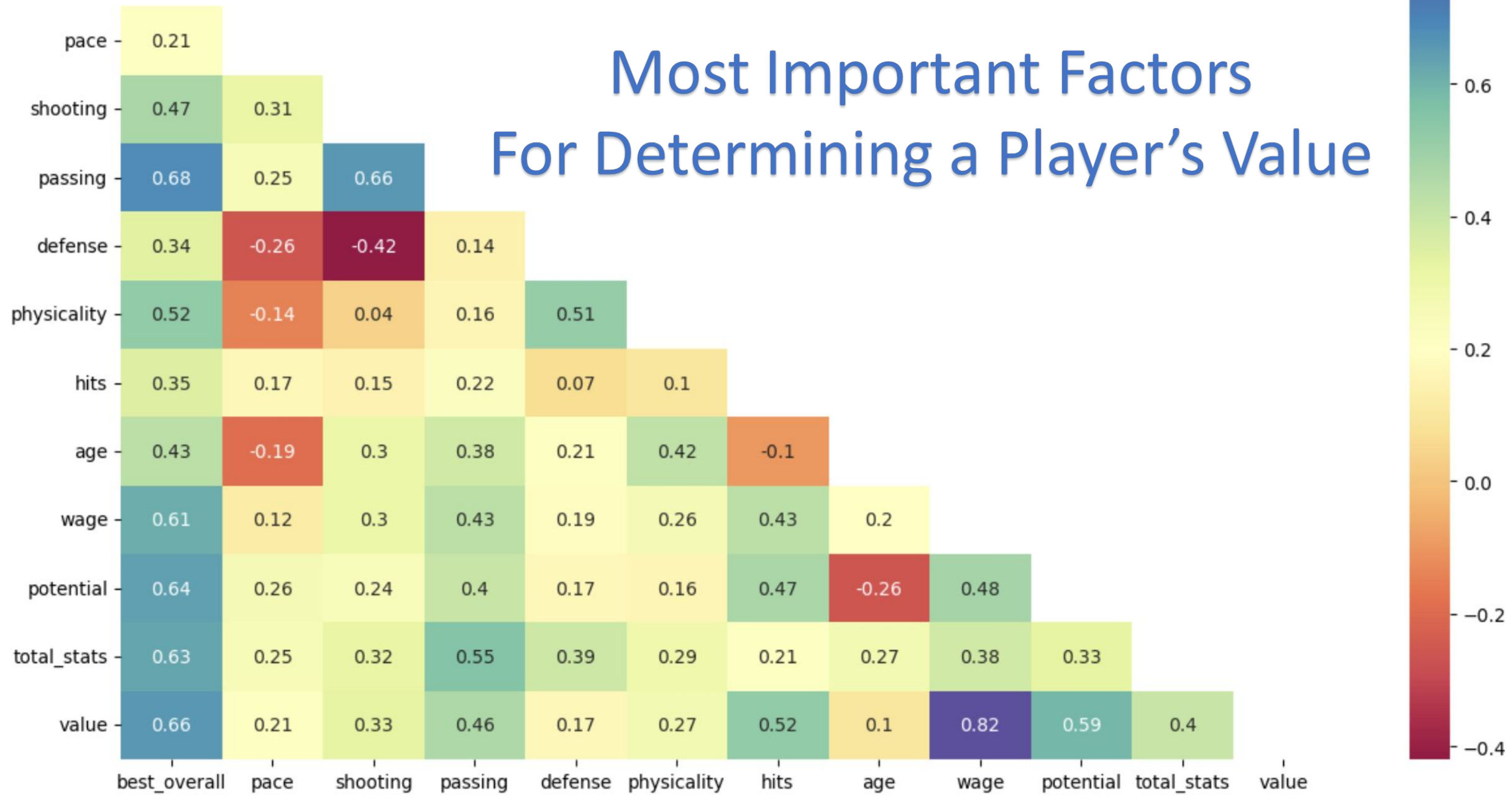


NUMERICAL VARIABLES



best_overall -

Most Important Factors For Determining a Player's Value



CATEGORICAL VARIABLES

Initial Model:

- Club
- Best Position

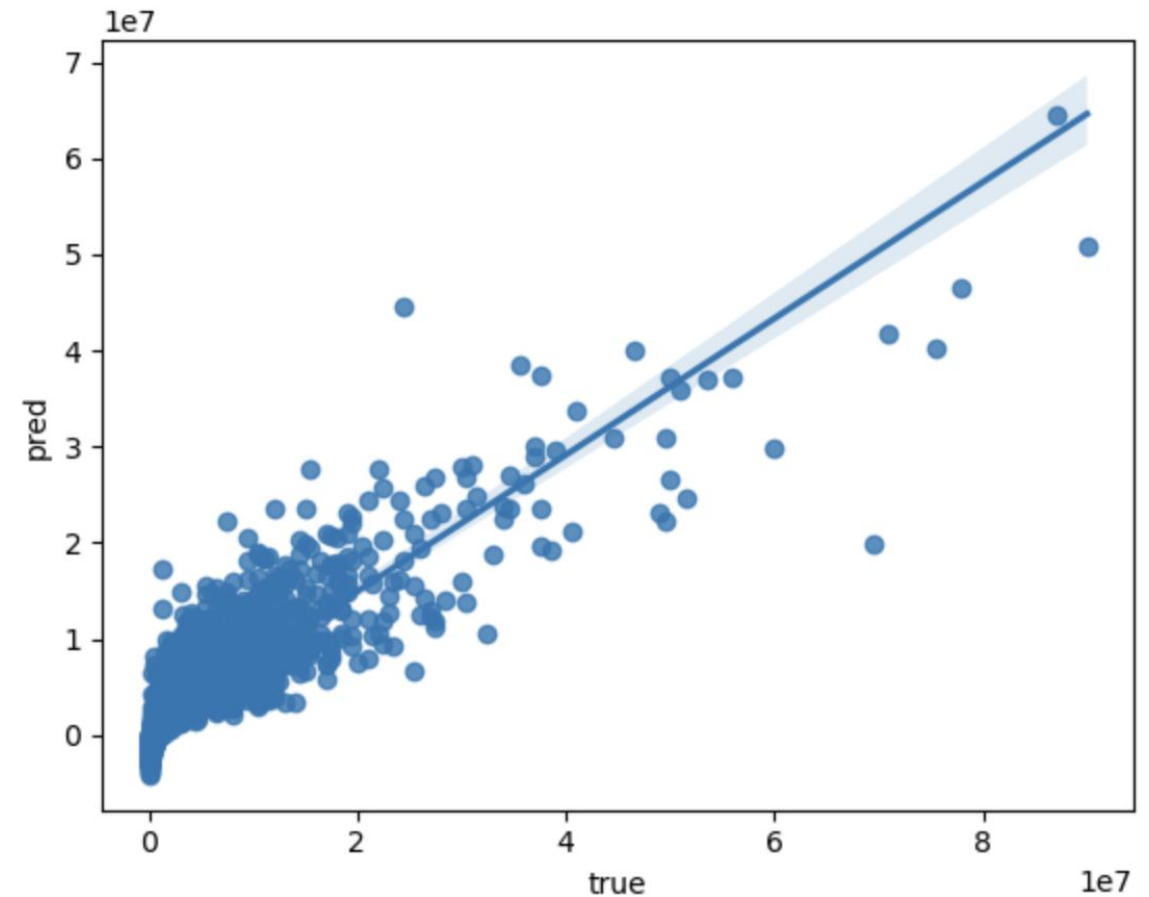
LINEAR REGRESSION MODEL

MODEL 1 : NORMALIZATION

R2 = 0.761905571975236

Adjusted R2 = **0.07095479425280682**

RMSE = 2791440.837819447



TARGET: MARKET VALUE

MIN: € 1000

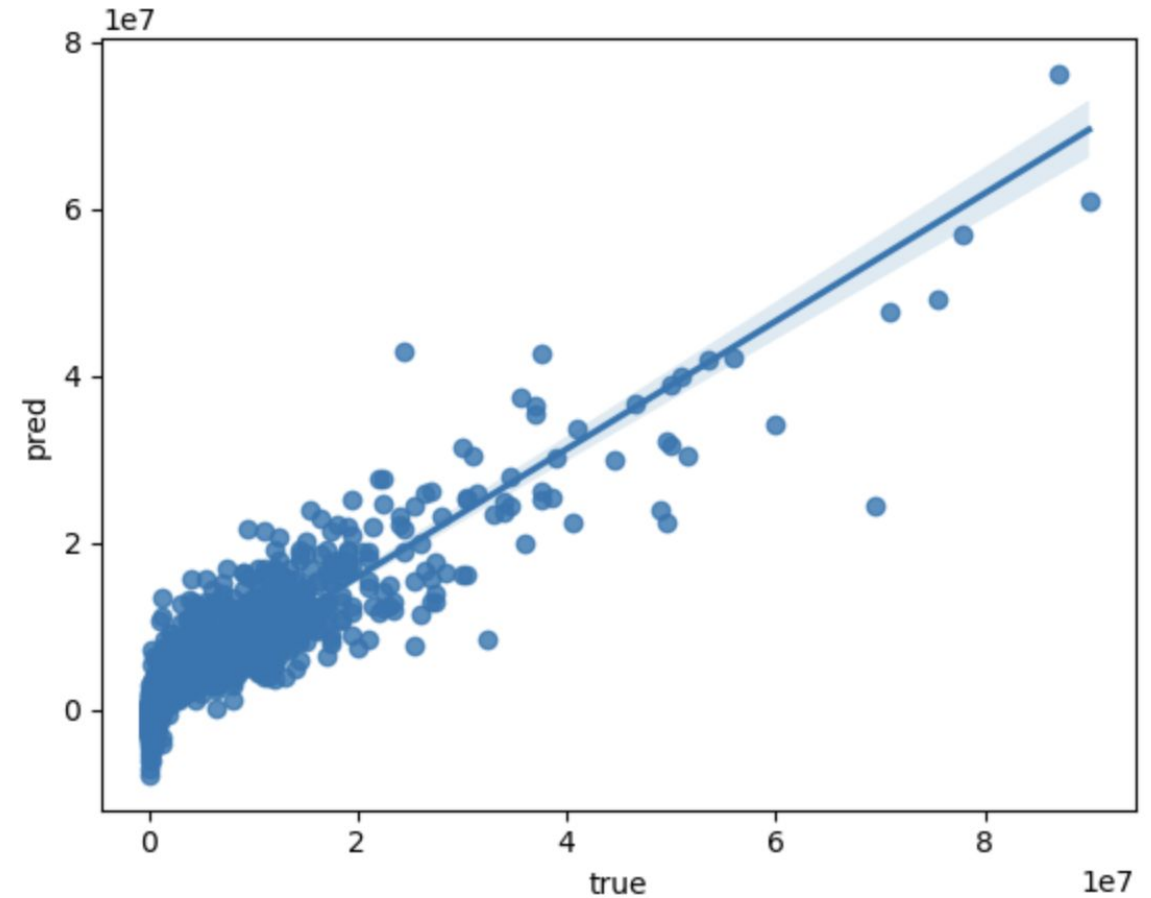
MAX: € 105.5 M

MODEL 2 : STANDARDIZED

$R^2 = 0.816697209162496$

Adjusted $R^2 = 0.8045805979149683$

RMSE = 2449279.516191004



TARGET: MARKET VALUE

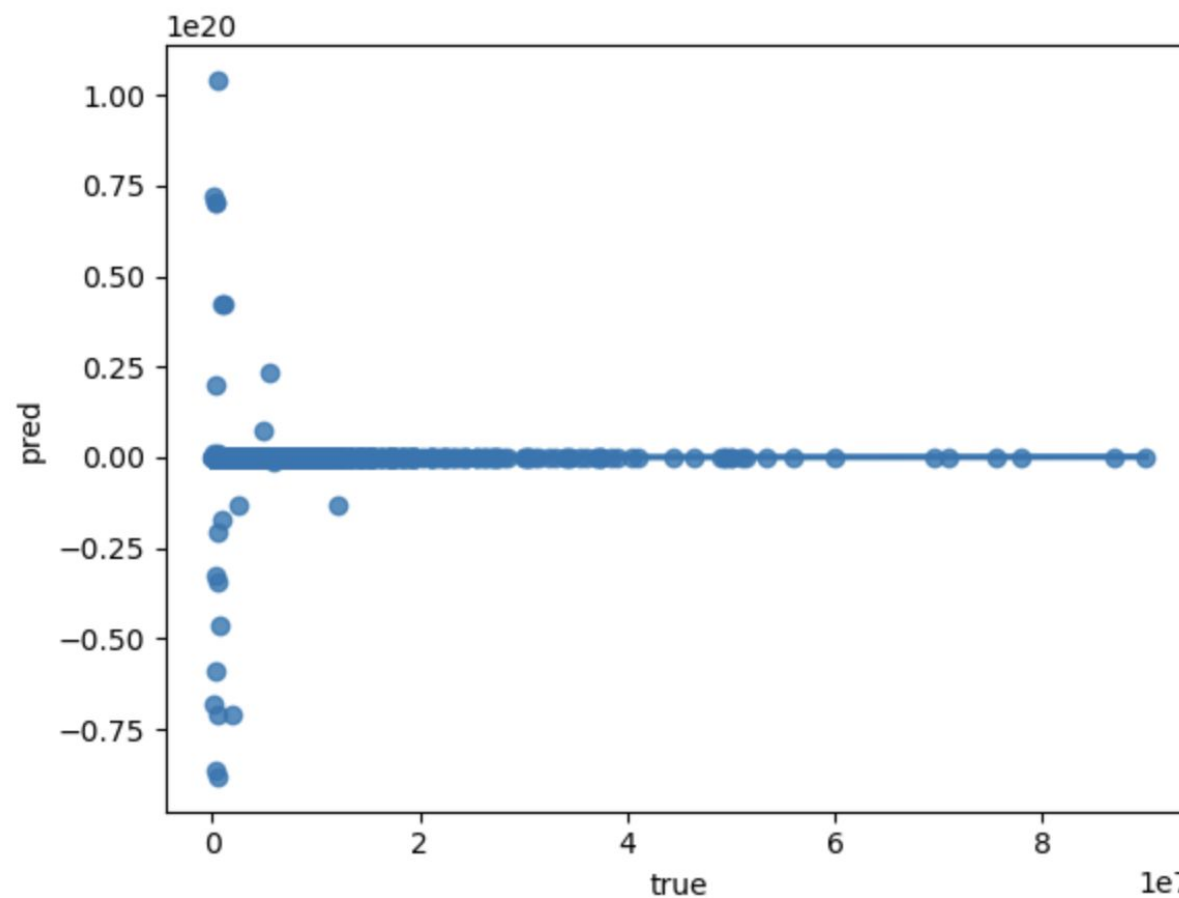
MIN: € 1000

MAX: € 105.5 M

MODEL 1 : NORMALIZATION

Categoricals : Club, Best Position

$R^2 = -4.4341939847469737e+23$
 $\text{Adjusted } R^2 = -0.17705351065895036$
 $\text{RMSE} = 3.8094401609629727e+18$
 $\text{MSE} = 1.4511834339957597e+37$
 $\text{MAE} = 2.2532784718883062e+17$



TARGET: MARKET VALUE

MIN: € 1000

MAX: € 105.5 M

MODEL 2 : STANDARDIZED

Categoricals : Best Position

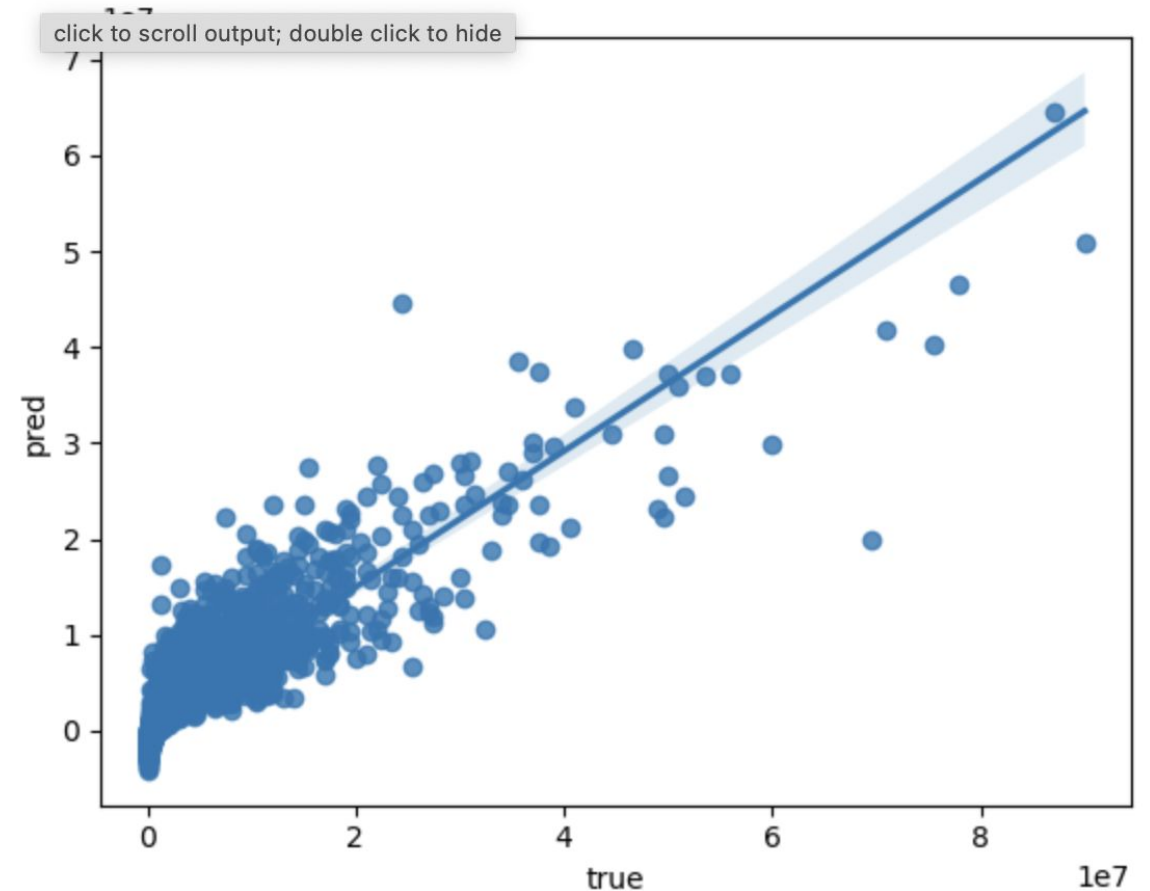
R2 = 0.7623228382143098

Adjusted R2 = **0.7589743618031772**

RMSE = 2788993.7314319024

MSE = 7778486033966.446

MAE = 1438673.714902467



TARGET: MARKET VALUE

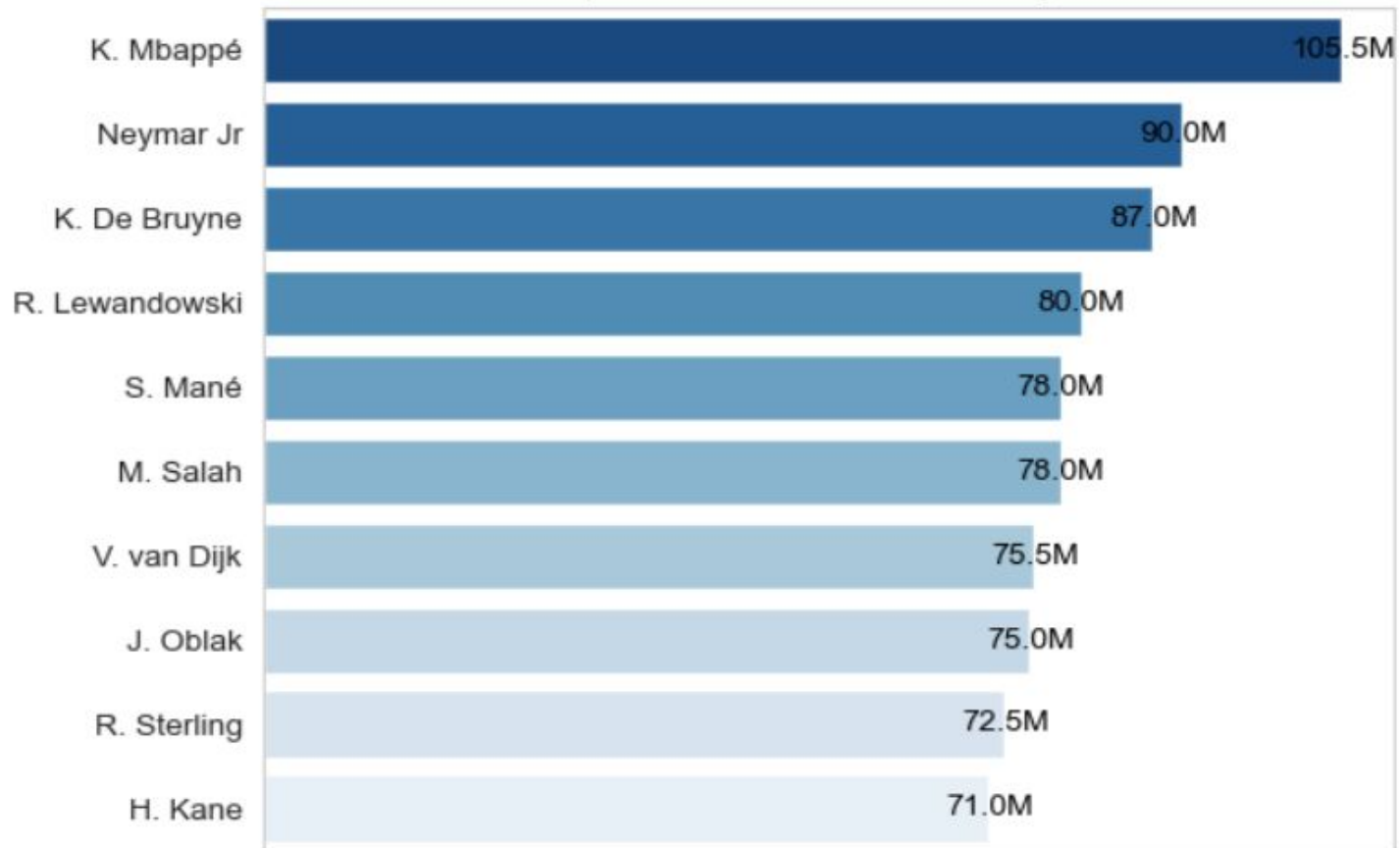
MIN: € 1000

MAX: € 105.5 M

Top 10




Top 10 Most Valuable Players





NEXT STEPS



- **IMPROVING OUR MODEL**
- **MONITORING NEW DATA**
- **NEW SUGGESTIONS**

LET'S MAKE YOU THE NUMBER 1 CLUB IN THE WORLD



Thank You!

Any questions? 