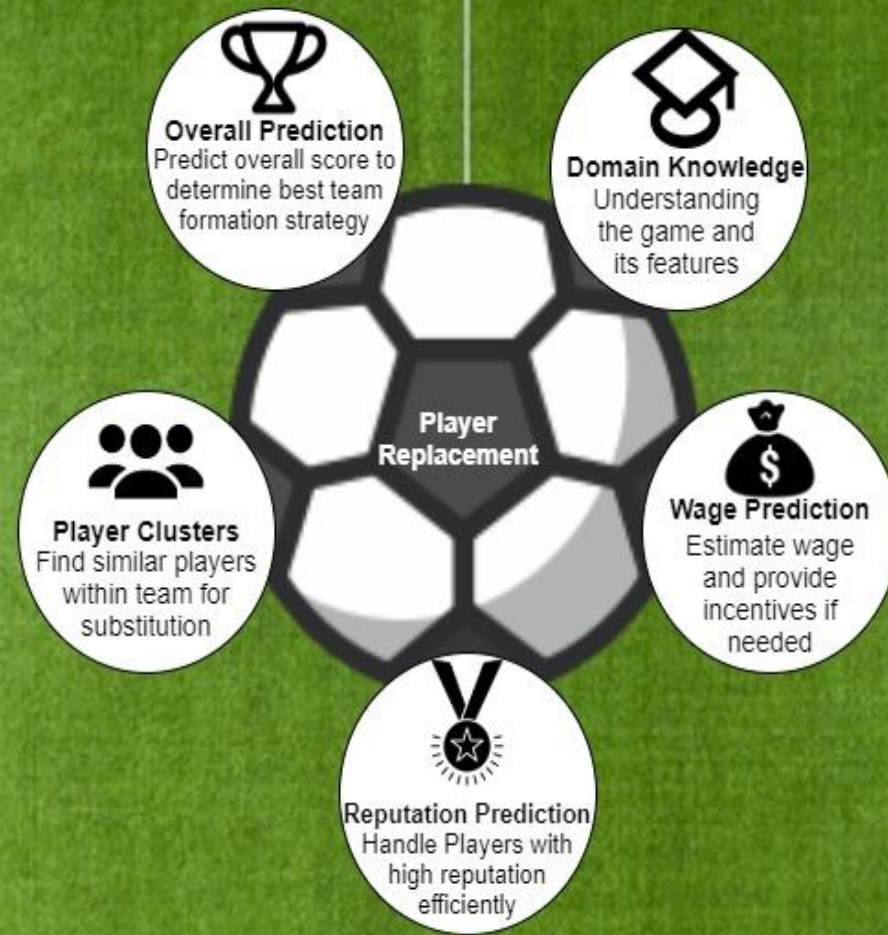


FIFA19 Player Analysis and Predictions.

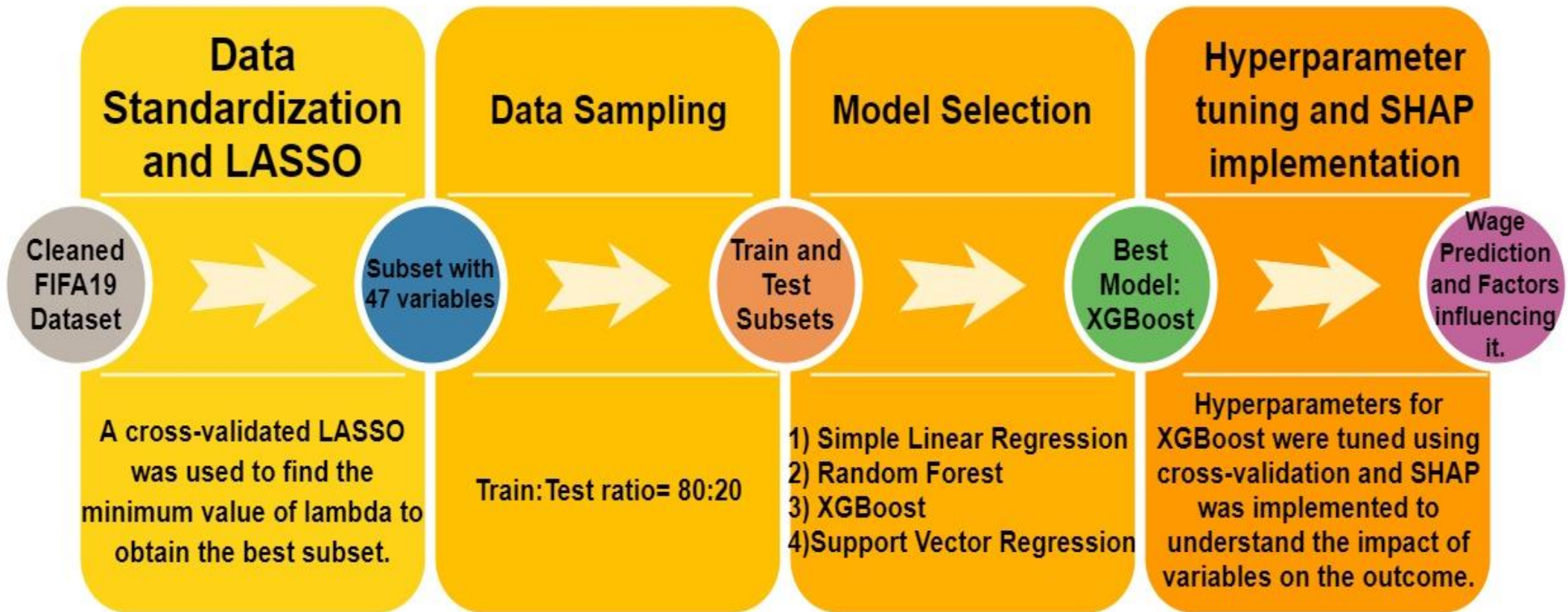
Use Case: Increase Performance of Individual or Clubs in their Respective Leagues.



Anand Krishnamoorthy
Anugraha Venugopal
Devanshi Deswal
Manaswini Nagaraj

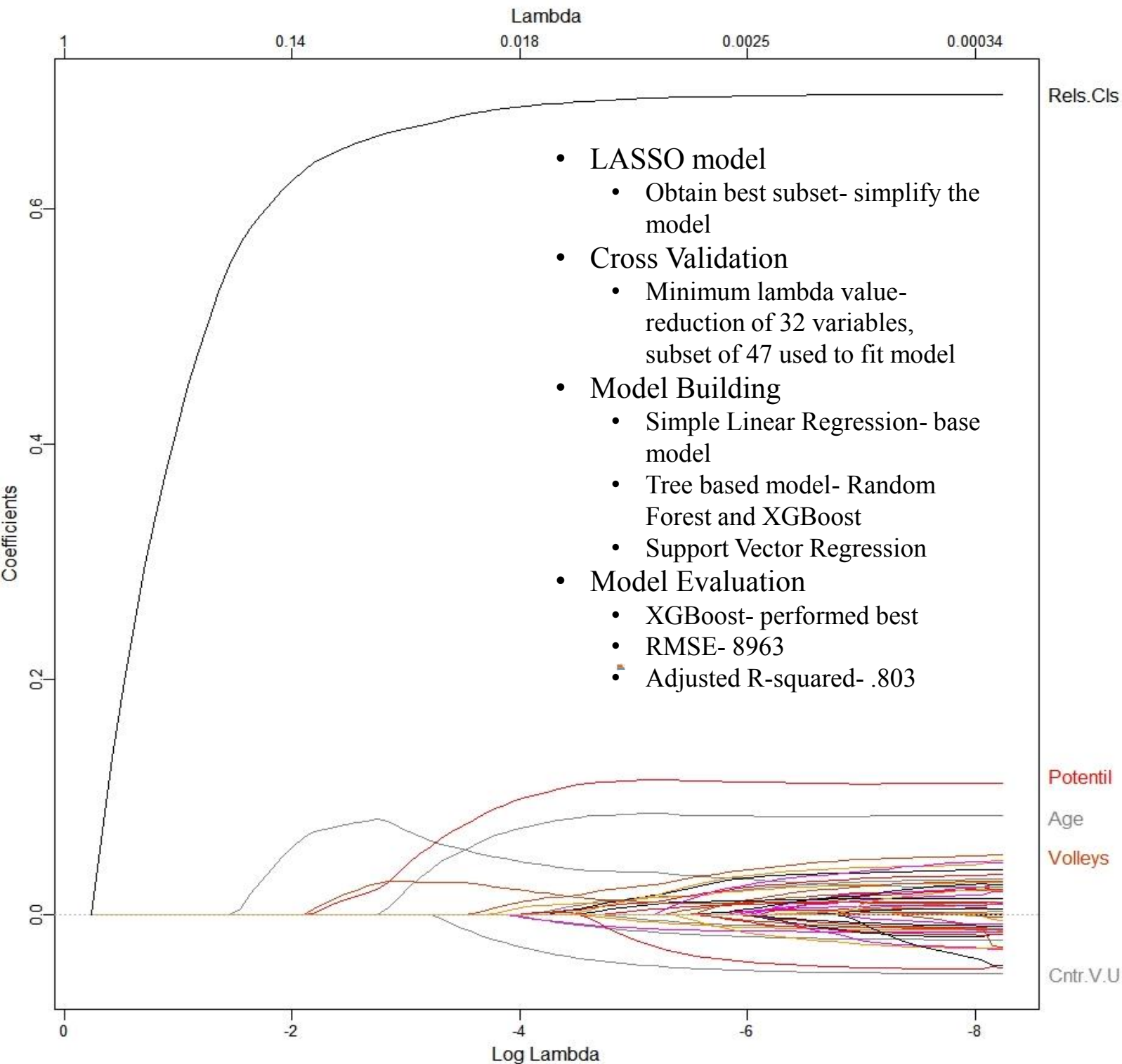
Wage Prediction for Players

- Players want to maximize wage. But team budget is a constraint!
- Build a model predicting apt wages to make the two ends meet.

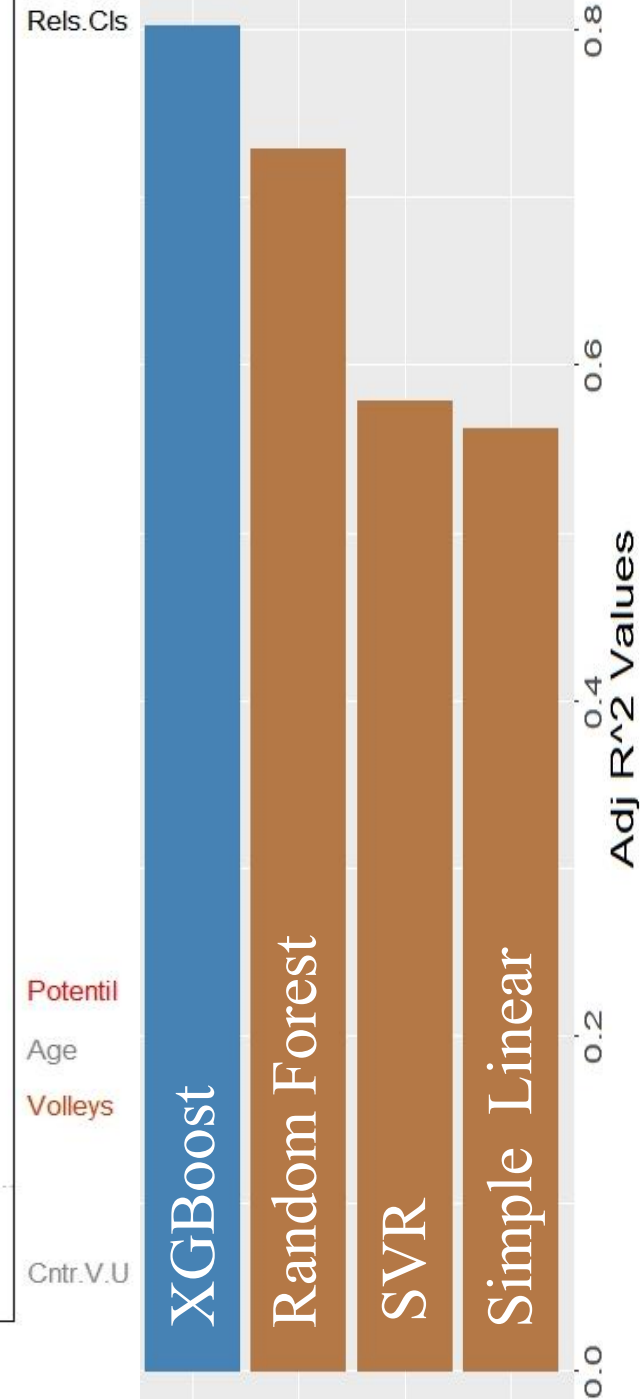


Sequence of tasks to predict the Wage of a player

LASSO & XGBoost



Model Comparison



Measuring Impact

SHapley Additive exPlanation(SHAP)- measures the impact of variables in the model to predict “wages” taking into account the interaction with other variables.

Top 10 variables with the highest shapley values.

