**Project 3 Machine Learning**

UC Berkeley Extension Data Analytics

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Research Question: How strong are the following variables in predicting a national teams’ World Cup placement?

Data Source 1: <https://www.fifaindex.com/teams/fifa14_13/?type=1>

(FIFA Years 2010, 2014, 2018 , Men’s National)

* Attack rating
* Midfield rating
* Defense rating
* Overall rating
* FIFA ranking

Data Source 2: <https://www.kaggle.com/martj42/international-football-results-from-1872-to-2017/data>

Use the same years as in Data Source 1

* Group by national team: number of wins per year, number of scores per year

Explore other variables

Try Other Methods: Random Forest/Decision Tree, Logistic Regression

Discuss of which methods worked better than others.