FIFA World Cup Predictions

* Briefly discuss necessary library imports

First approach

* Discuss how we reviewed historical data of past world cups
* Discuss graphs displayed in notebook
* Discuss limitations of only reviewing previous world cup data. (see notebook)

Second approach

* Discuss new datasets: results, and penalty
* Discuss first preprocessing step of checking for missing values
* Discuss graph in notebook and how it contributes to our decision to use this new dataset
* Discuss preprocessing steps and their significance to the project

Model Building

* Discuss why we chose model
* Discuss our custom reporting function
* Discuss preliminary reporting on model with default hyperparameters
* Our model seems to overfit, discuss methods to attempt to fix overfitting. (see notebook)
* Discuss model performance after hyperparameter training
* Model performance does not improve, discuss possible limitations with our approach and or datasets.
* Discuss our approach to testing performance when predicting outcome
* Discuss performance results

Running tournament predictions

* Discuss custom wins function
* Discuss sample predictions
* Discuss our use of the penalties dataset
* ‘’ our Team class
* ‘’ how we determined winners in the group stages, and knockout rounds

Conclusions

* Discuss potential ways to improve or build upon existing project