David Ruff

Matthew Littman

**Model Summary**

* Matt has created a model that generates a percent difference in likeliness of winning based on regular season team data. That will be used as an engineered feature in our final models
* David has scraped the player data for every game since 1999 and has engineered variables that score player performance and matchups for each game with running totals of their stats prior to the game they are facing off.
* The final ensemble model will take the results of each individual model as columns and run a regression on those columns.
* We used Poisson regression models because the distribution of all scores fits a Poisson distribution and we are only predicting positive values.
* We have also scrapped the individual game data which will is used as a predictive feature in our final models.
* Our models predict that KC wins 30-20.