



LEBRON JAMES STAT PREDICTIONS

“Fit For A King”

A background image of LeBron James in a white Cleveland Cavaliers jersey with the number 23. He is looking off to the side with a serious expression. The image is darkened to serve as a background for text.

MOTIVATION

- Predict points, assists, and rebounds LeBron James will score in his next game
 - Potentially useful to fantasy sports participants
 - Personal interest

A background image of LeBron James in a white Cleveland Cavaliers jersey with the number 23. He is pointing with his right hand and has his left fist raised. The image is darkened to serve as a background for text.

DATA

- www.mysportsfeeds.com API returns schedules and box scores for NBA games from 2015-2016 season to present
- Some predictors of interest (e.g. Defensive Efficiency Rating) must be computed from available data
- New pulls must be made every day to keep data current

A background image of LeBron James in a Cleveland Cavaliers jersey, number 23, with a determined expression. The image is dark and serves as a backdrop for the text.

MODEL

- Separate Linear Models used to predict points, assists, and rebounds
- Retrained each time new observations come in
- Success Criteria: subjectively reasonable predictions
 - Example: 30 points, 8 rebounds, 8 rebounds reasonable
 - Example: 5 points, 30 rebounds, 30 assists not reasonable

A background image of LeBron James in a red Cleveland Cavaliers jersey with the number 23, celebrating on a basketball court. He is raising his right fist. The background is dark and slightly blurred, showing a crowd of spectators. A colorful, abstract graphic element is visible in the top left corner.

INSIGHT

- **Technical**

- Working with API can be finicky – inconsistent update times

- **Model**

- With available data, points, rebounds, and assists in a given game are difficult to predict.



MY MODELS

STATISTICAL
VARIANCE

THANK YOU!

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