NBA 2022 W/L Predictor

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Overview

• 205 Sports Solutions' goal is to predict the NBA Playoff Champion

 Playoff outcome is based on regular season individual player rankings

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Data

• NBA, ESPN & Basketball-Reference

 Player ranking, players on team and game data

Player rankings to predict points scored

• Games from 2001-2022

Trained model on 2001-2021



Model

- XGBoosted model
- Predicted scores have an average error of +/- 11.52 points
- The max error is 38.13 points
- Only 28% of variance is explained



Round 1

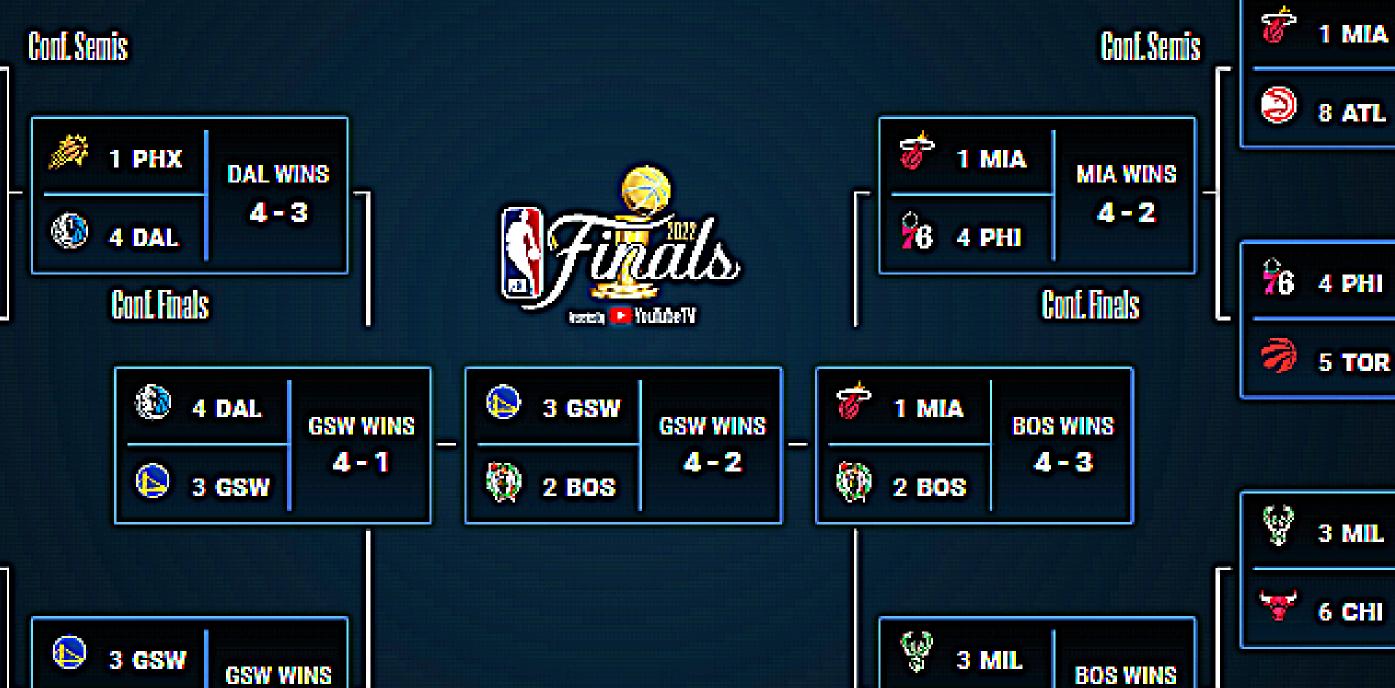
Overall Results

Round 1

MIA WINS

4-1





4-2

🐑 2 MEM



4-3

捌

7 BKN

2 BOS

Round 1

EASTERN CONFERENC

Overall Results

Round1



4-0

BKN

4-2

MIN 7

EASTERN CONFERENC

Round1

Overall Results



Conclusion

- Model would have predicted bracket winner
- Human aspect is missing
- SUCCESS



Future Work

- Add injury/inactive column
- More data = more training for the model
- App/Website to predict individual game outcomes





Thank you!

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