



ULTIMATE PREDICTION ENGINE



UPE

ULTIMATE PREDICTION ENGINE

What is it?

- Prediction engine for the AUDL
 - Team and Player records
 - Weather Factors
- Upcoming Games Predictions
- Fantasy Matchups

Problems & Motivation

- Weather Dependent Sport
- Lack of interactive platforms for the AUDL



ULTIMATE PREDICTION ENGINE

- Fans of Ultimate Frisbee
 - View Predictions for Upcoming Games
 - Create their own Predictions



Prof. Pless



Prof. Narahari



Users

Ultimate Prediction Engine

Upcoming Games

[See All](#)

DC Breeze



28th Apr 2023
5:30pm



New York Empire

Boston Glory



28th Apr 2023
7:00



Minnesota Windchill

Madison Radicals



28th Apr 2023
8:30



Colorado Summit

Customized Predictions

[View More](#)



Create your own matchups! Choose from two existing teams and specified weather conditions and we'll tell you who is most likely to win!

Use Case

Ultimate Prediction Engine

Home

Upcoming Games

Prediction Input

Player Predictions

Predict Input

Next

Colorado Summit



Stats

Wins	12
Losses	2
Games Played	14
Completion Percentage	94.11
Hold Percentage	75.34
Break Percentage	31.93
Huck Percentage	66.51
Turnovers	213
Blocks	147
Red Zone Percentage	76.6
Scores For	334
Scores Against	271

Team 1:

Colorado Summit



Team 2:

Indianapolis Alleycats



Indianapolis AlleyCats



Stats

Wins	76
Losses	69
Games Played	145
Completion Percentage	91.94
Hold Percentage	66.72
Break Percentage	28.74
Huck Percentage	65.56
Turnovers	2782
Blocks	1544
Red Zone Percentage	77.62
Scores For	3284
Scores Against	3112



Use Case

Winner



75% more likely to win

Matchup

Wind	15	mph
Precipitation	0	inches
Temperature	72	°F
Humidity	60	%

Use Case

Home

Upcoming Games

Prediction Input

Player Predictions

Player Prediction Input

Rules:

- Choose 7-14 players for each team
- No player can be duplicated on either team
- Both teams must have an equal number of players

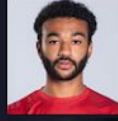
Removed Kevin Smith from Team 2

Next

Average Stats for Team 1

Completion Percentage	74.36
Completions	383.64
Goals	51.64
Assists	38.09
Plus/Minus	80.27
Games Played	34.27
Minutes Played	657.91
Points Played	719.45
Huck Percentage	43.55
Drops	6.36
Throwaways	34.45
Blocks	31.36
Yards Thrown	910.91
Yards Received	1491.27
Offense Efficiency	40.09

Team 1



Add to Team 1

Team 2

Alex Atkins



Aubrey Davis



Antoine Davis



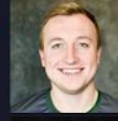
Alex Davis



Alex Jirele



Marques Brownlee



Jeff Weis



Add to Team 2

AJ Merriman

Andrew Roy

Tyler Monroe

Khalif El-Salaam

Kenrick Koo

Kyle Romard

Kevin Richardson

Average Stats for Team 2

Completion Percentage	90.01
Completions	1102.67
Goals	21.67
Assists	107.33
Plus/Minus	38.67
Games Played	46.33
Minutes Played	922.33
Points Played	963.00
Huck Percentage	14.81
Drops	8.00
Throwaways	105.67
Blocks	23.33
Yards Thrown	2729.33
Yards Received	323.00
Offense Efficiency	50.12

Use Case

Ultimate Prediction Engine

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Upcoming Games

Prediction Input

Player Predictions

Matchup Winner

Team 2

Prediction successful
70.76% more likely to win

Team 1



Albert Alarcon Marques Brownlee

Anthony Davis Jeff Babbitt

Alex Drum Jeff Weis

Alex Duffel Pawel Janas

Alexandre Fall Ryan Drost

Team 2



Use Case



Thanks for
listening!