

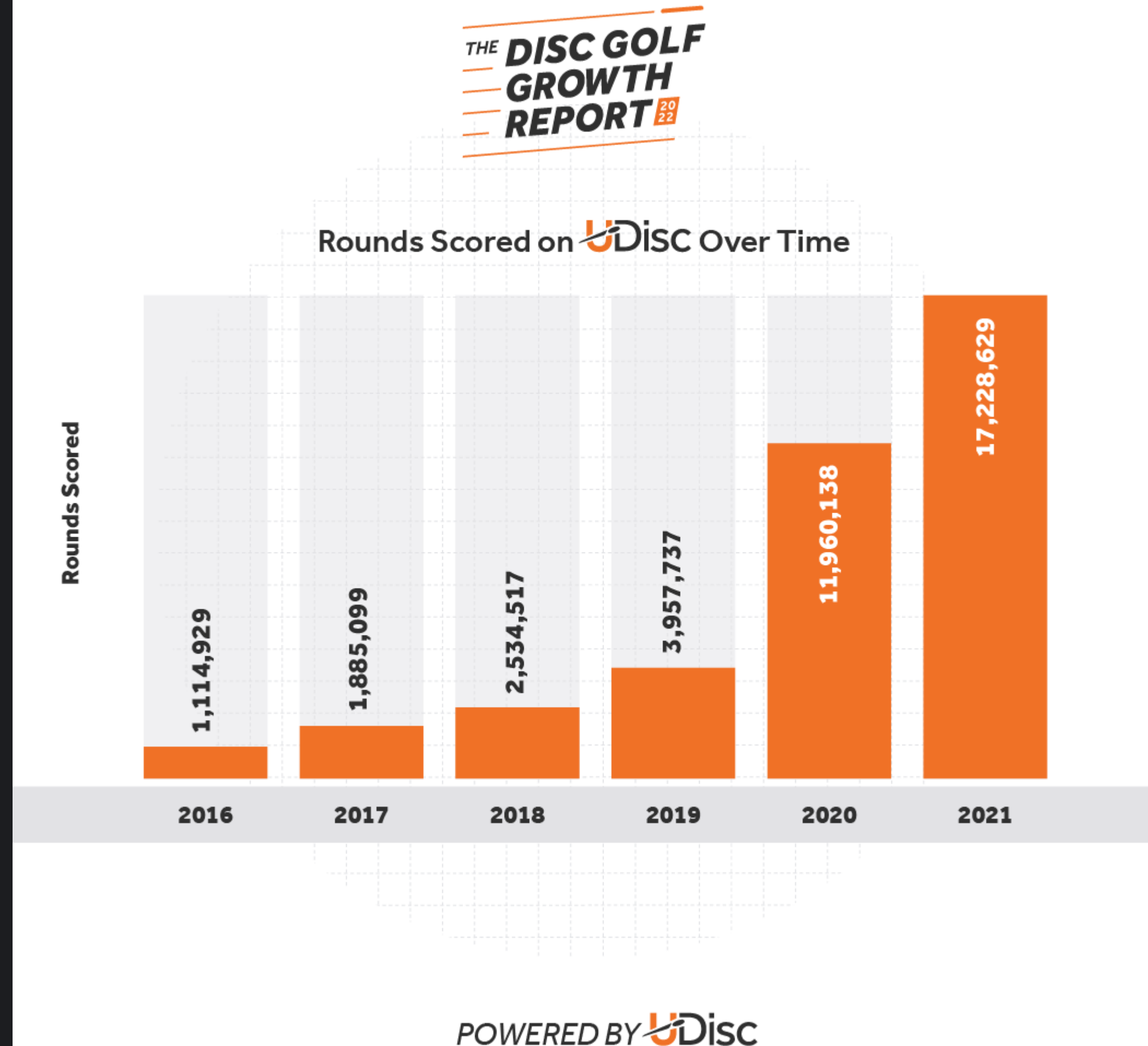
# Disc Golf Analysis

Nashville Software School Capstone Project



# What is Disc Golf?

- Field sport similar to golf where instead of clubs and balls, discs (or frisbees) are thrown
- Played on courses that vary from open fields to dense woods
- Experienced significant growth during pandemic



# Project Goal

Attempt to predict the winner of the 2023 Disc Golf Pro Tour (DGPT)

## How?

- Using Python, I made a webscraper to pull and aggregate player and tournament data from 2 sources:
    - <https://statmando.com/>
    - <https://pdga.com/>
  - I then created a dashboard in Power BI to visualize this data and make a preliminary selection
  - Finally, using Python, I created additional visualizations to support my pick
-

# What's a Rating?

"Your PDGA Player Rating is a number that shows how close your average round scores are compared to the course rating, called the Scratch Scoring Averages (SSA), of the courses you've played in competition. Players who average the SSA on courses played will have a rating of 1000 and are considered "scratch players". A player who averages scores lower than SSAs on course they've played will have a rating over 1000."

**TL:DR - it's a way for disc golfers to compare skill level.**

---

## Why is it important?

It is quick, easy way to assess a persons current skill level and identify trends in their game

For perspective, my rating is **833** which categorizes me as a 'Recreational Amateur.'

## 20 Highest Rated Players\*

	Player Name	EventRating
1	Paul McBeth	1039.736842
2	Ricky Wysocki	1034.947075
3	Gannon Buhr	1033.851064
4	Kyle Klein	1032.413333
5	Ken Climo	1031.456432
6	Chris Dickerson	1030.596610
7	Eagle McMahon	1029.005618
8	Nikko Locastro	1028.772936
9	Simon Lizotte	1028.319635
10	Barry Schultz	1025.807611
11	Nate Doss	1025.190299
12	Cale Leiviska	1024.566125
13	Cameron Colglazier	1024.232955
14	Matt Orum	1023.880259
15	Calvin Heimborg	1023.330275
16	Nate Sexton	1022.697368
17	Dave Feldberg	1022.285412
18	Josh Anthon	1021.957746
19	Steve Rico	1021.831754
20	Adam Hammes	1021.633094

\*Based on average lifetime rating by year

**WHO IS GOING TO WIN?!**



# Gannon Buhr

# Why?

1. Consistency
2. Objective Improvement



## Top 20 Based on Lifetime Rating

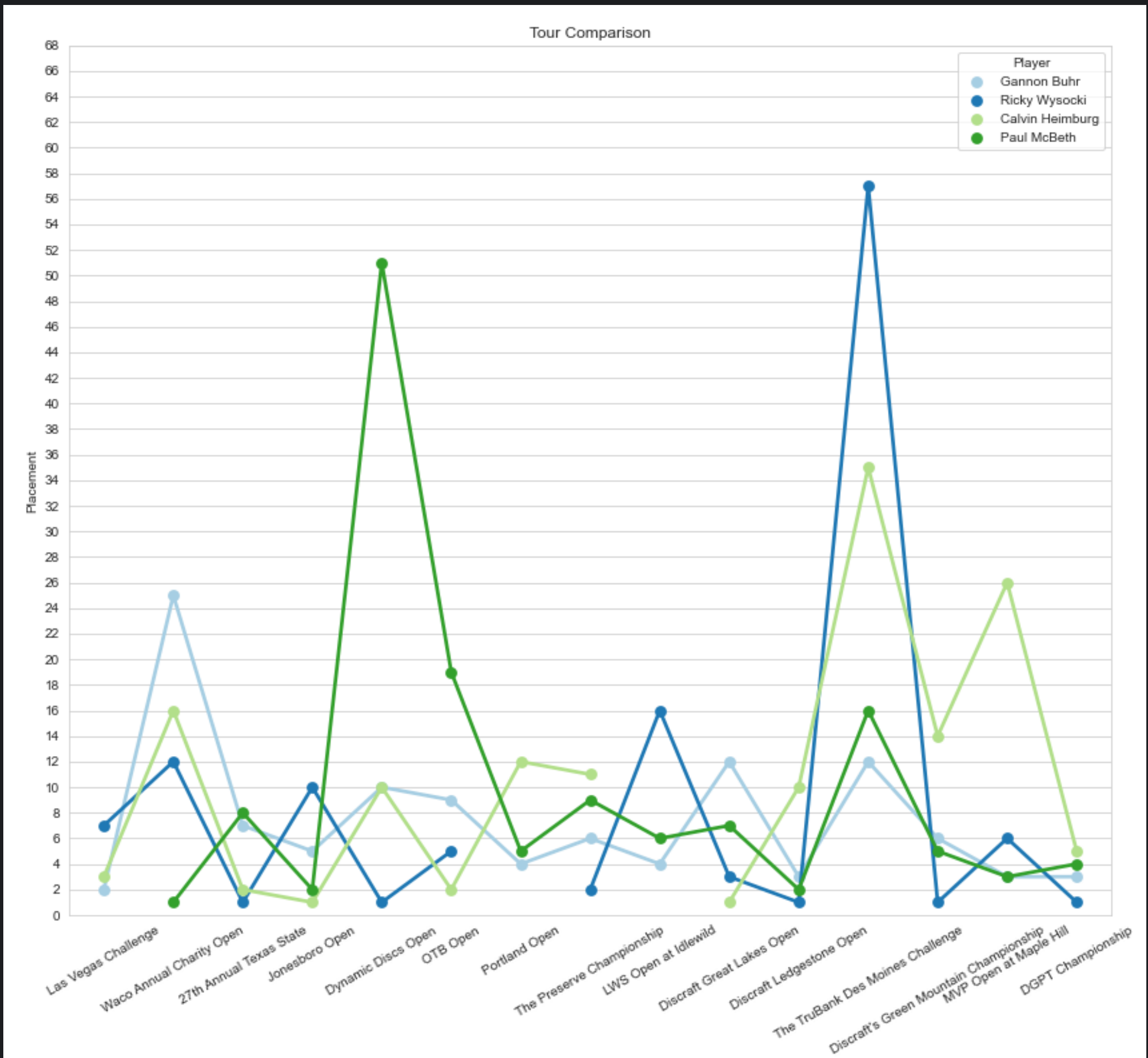
	Player Name	EventRating
1	Paul McBeth	1039.736842
2	Ricky Wysocki	1034.947075
3	Gannon Buhr	1033.851064
4	Kyle Klein	1032.413333
5	Ken Climo	1031.456432
6	Chris Dickerson	1030.596610
7	Eagle McMahon	1029.005618
8	Nikko Locastro	1028.772936
9	Simon Lizotte	1028.319635
10	Barry Schultz	1025.807611
11	Nate Doss	1025.190299
12	Cale Leiviska	1024.566125
13	Cameron Colglazier	1024.232955
14	Matt Orum	1023.880259
15	Calvin Heimborg	1023.330275
16	Nate Sexton	1022.697368
17	Dave Feldberg	1022.285412
18	Josh Anthon	1021.957746
19	Steve Rico	1021.831754
20	Adam Hammes	1021.633094

## 2022 DGPT Final Standings

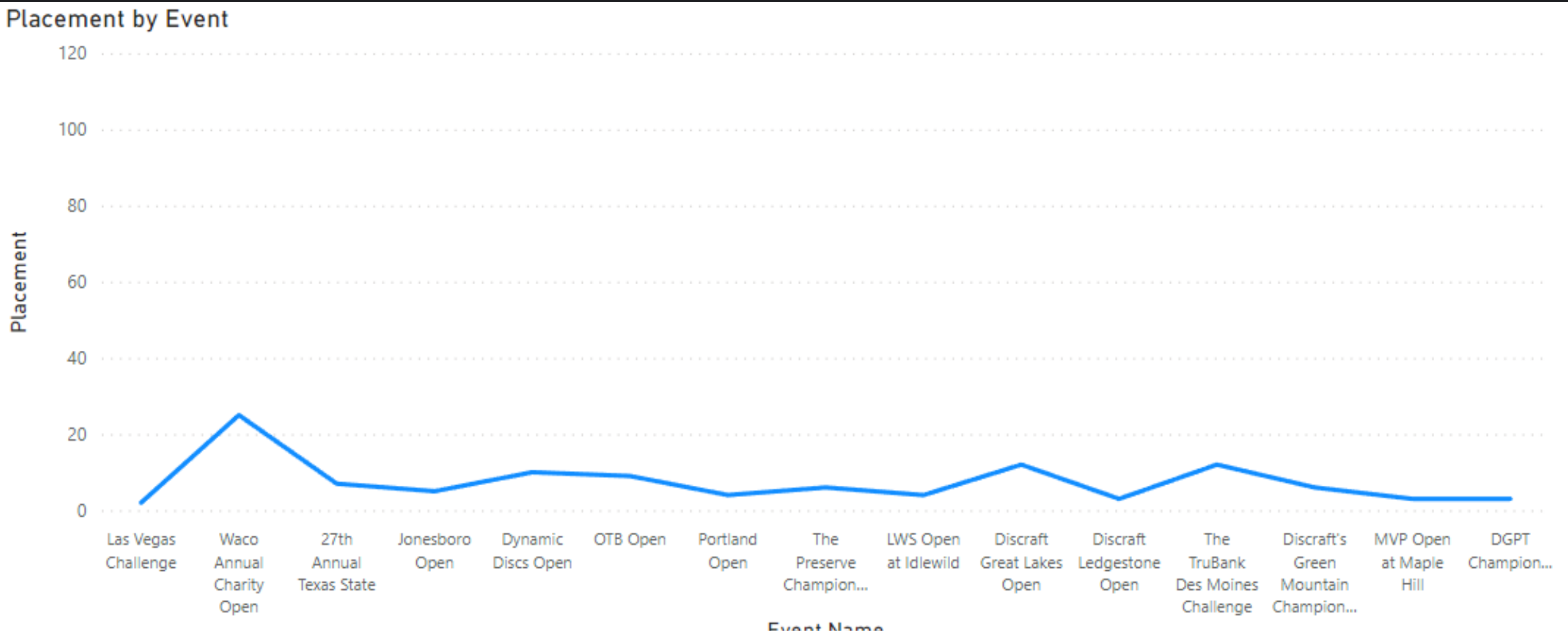
	Player Name
1	Ricky Wysocki
2	Paul McBeth
3	Calvin Heimborg
4	Gannon Buhr
5	Chris Dickerson
6	Joel Freeman
7	Matthew Orum
8	Kyle Klein
9	Isaac Robinson
10	Simon Lizotte
11	Chris Clemons
12	Corey Ellis
13	James Conrad
14	Kevin Jones
15	Anthony Barela
16	Aaron Gossage
17	Drew Gibson
18	Nathan Sexton
19	Ezra Aderhold
20	Mason Ford

Gannon compared to the 4  
players that beat him in 2022

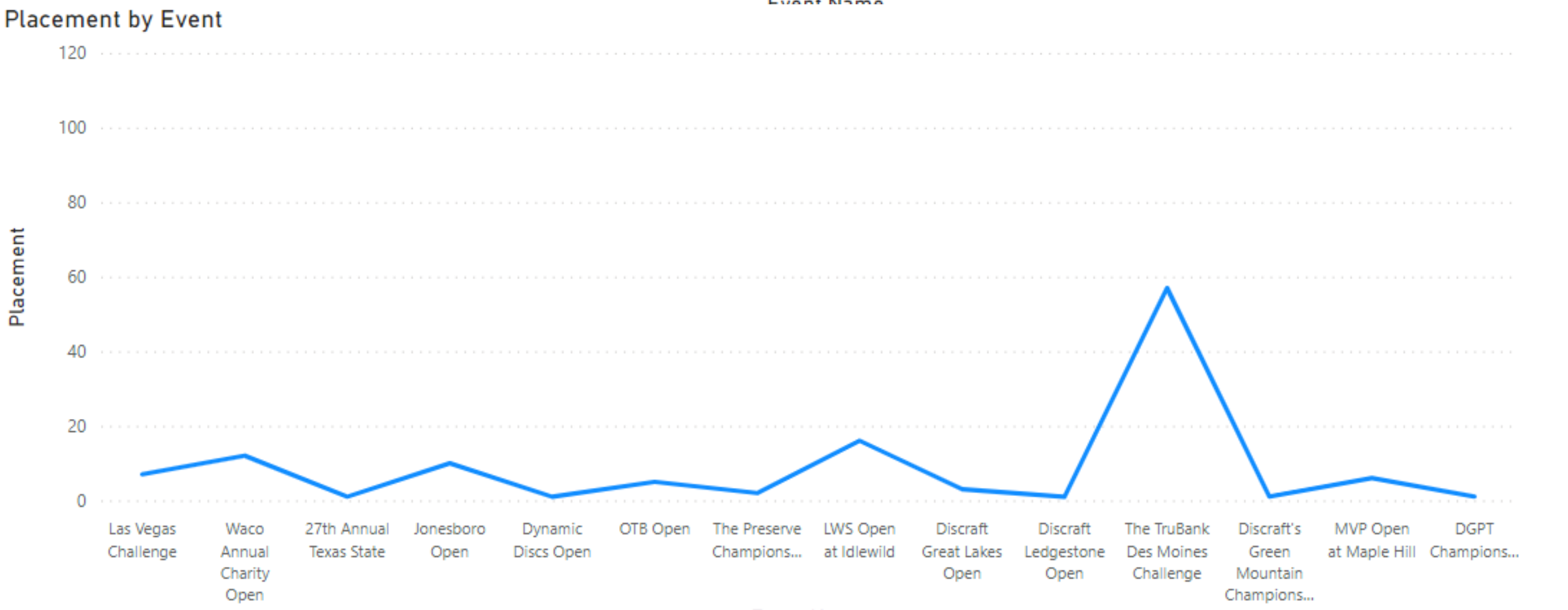
Gannon	<b>Avg. Placement: 7.4</b> <b>Podium Finishes: 4</b> <b>Top 10 Finishes : 12</b> <b>Wins: 0</b>
Ricky	<b>Avg. Placement: 8.79</b> <b>Podium Finishes: 7</b> <b>Top 10 Finishes : 11</b> <b>Wins: 5</b>
Paul	<b>Avg. Placement: 9.86</b> <b>Podium Finishes: 4</b> <b>Top 10 Finishes : 11</b> <b>Wins: 1</b>
Calvin	<b>Avg. Placement: 10.57</b> <b>Podium Finishes: 5</b> <b>Top 10 Finishes: 8</b> <b>Wins: 2</b>



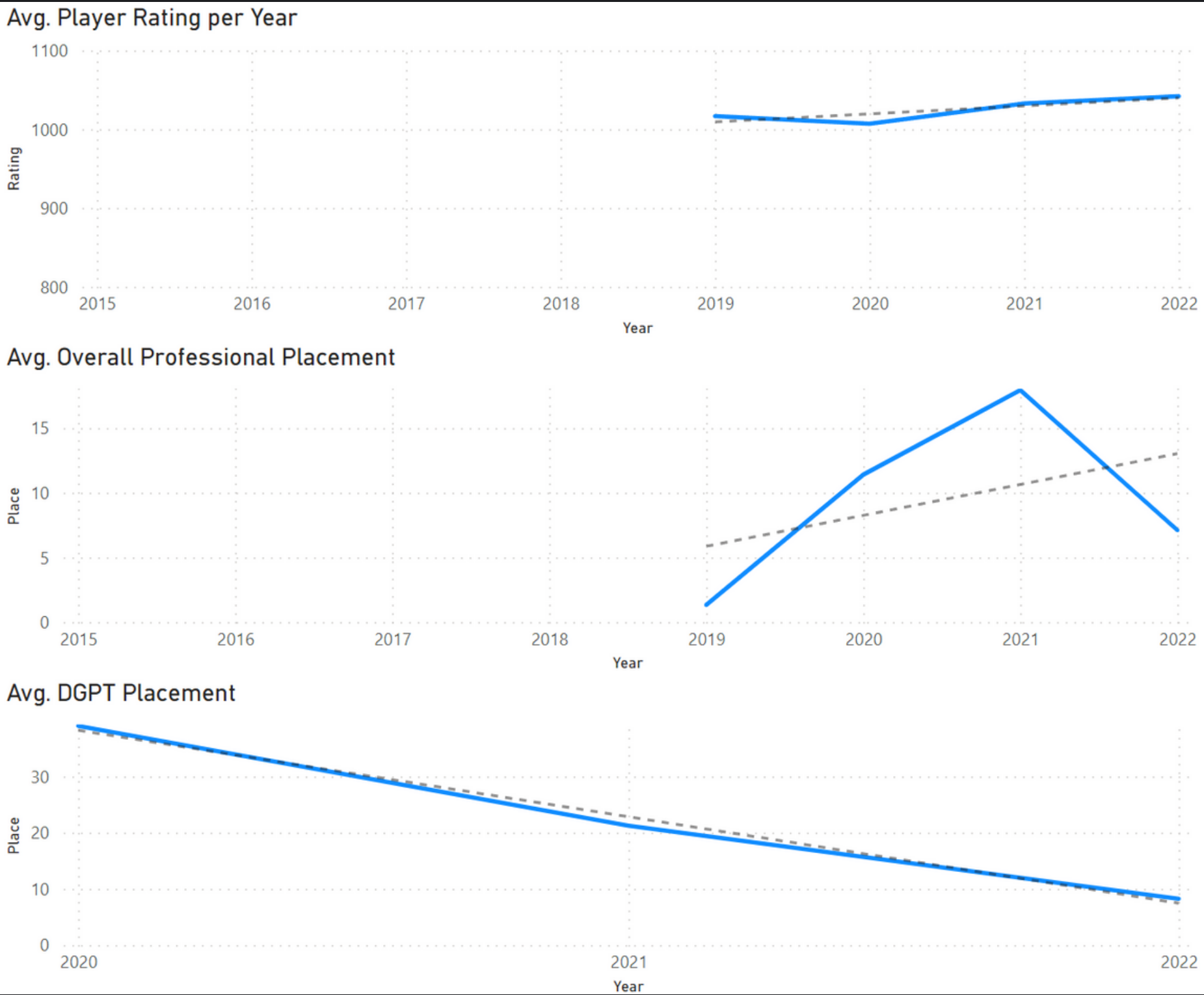
Gannon



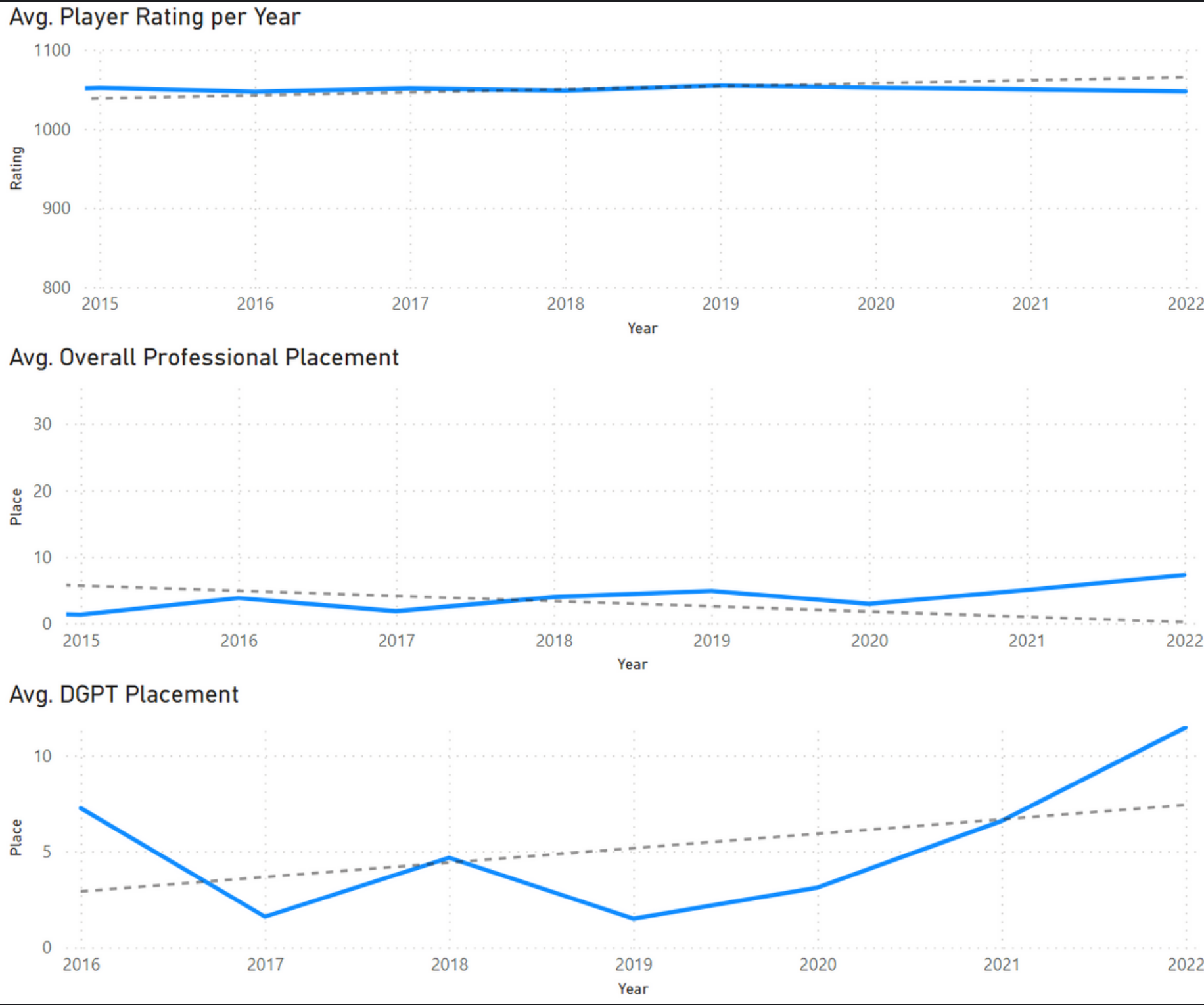
Ricky



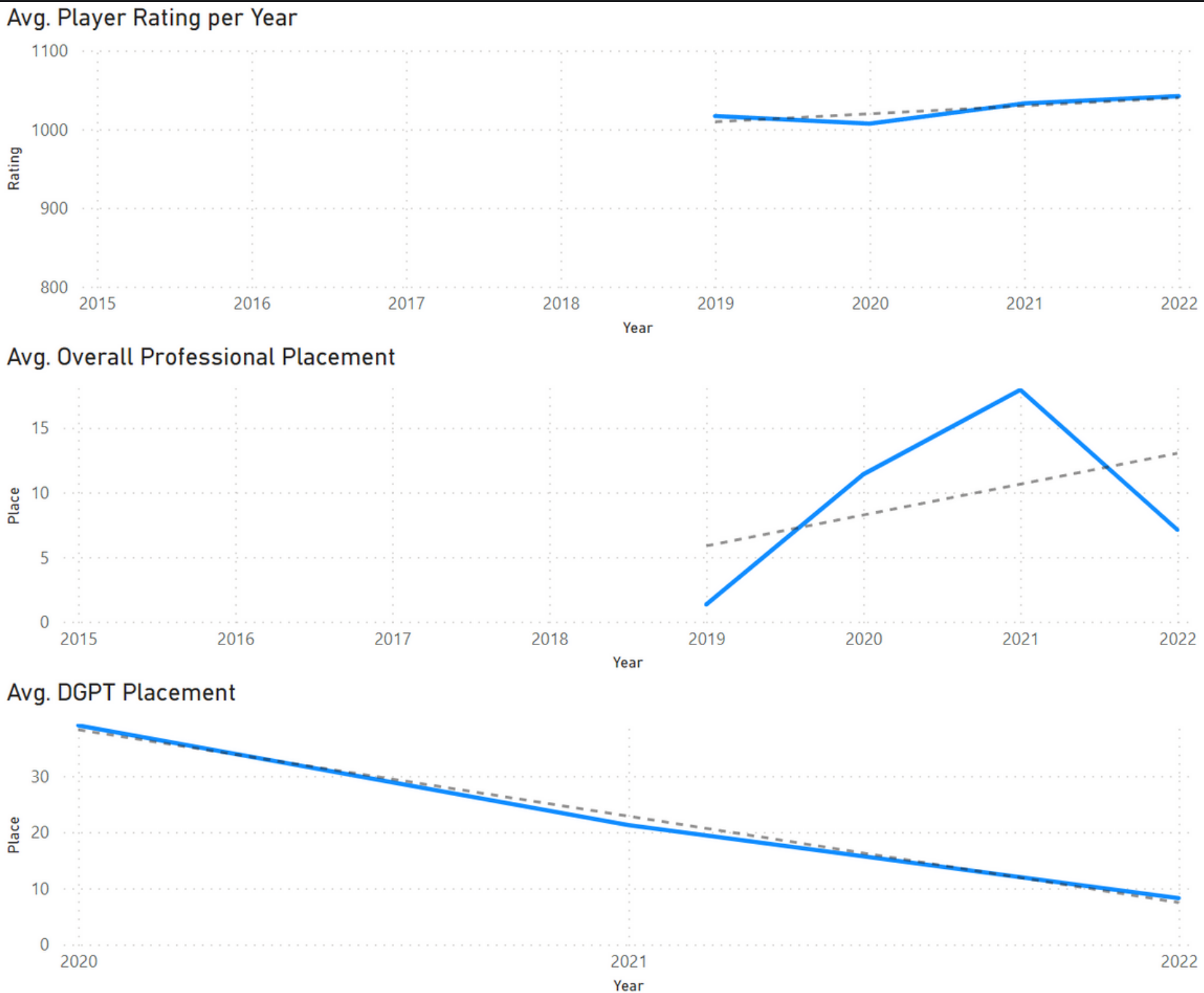
# Gannon



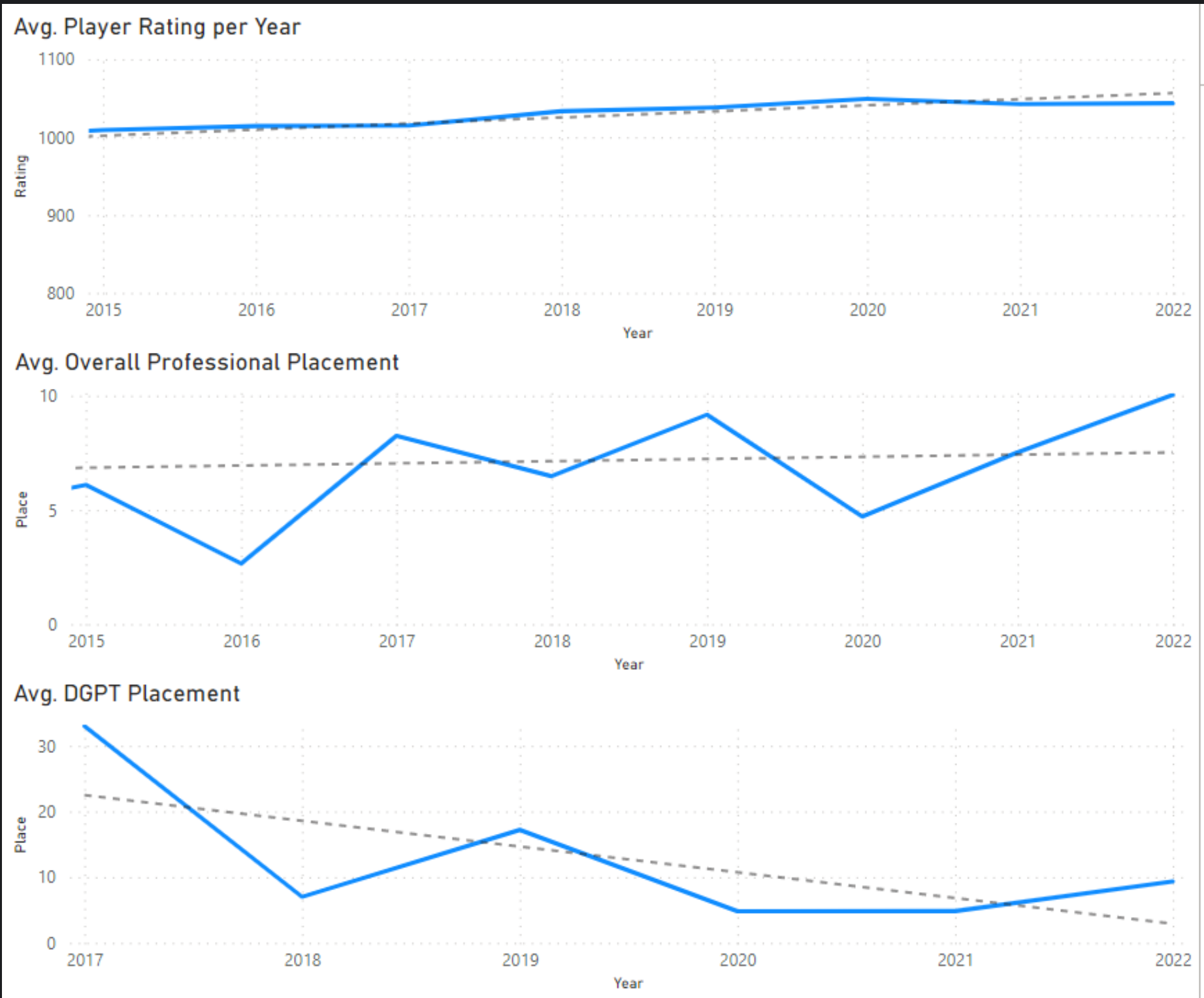
# Paul



# Gannon



# Calvin





# Wrapping Up

Gannon is my favorite to win in 2023 for 2 primary reasons:

- 1. Consistent performance**

- a. Majority Top 10 finishes

- 2. Objective Improvement**

- a. Rating is trending up

- b. Avg. tournament placement is trending down (which is good!)

- c. Stand out at a young age, leaving plenty of room for additional improvement

Questions?