## Who's The Real MVP?

Capstone Project for Part Time Data Analytics Cohort DA5.

* This data has been made available [online]: <https://www.basketball-reference.com/players/j/jamesle01.html> and <https://www.basketball-reference.com/players/j/jordami01.html>
* Scraper package used from [online]: <https://pastebin.com/Jt10EGUK> **The Goat?** This question has been brewing around ever since Lebron James won his first championship. Is Michael Jordan the greatest of all time or is Lebron James the greatest of all time?

### ****Motivation****

Since I was little, I have been watching sports, and basketball was one of my favorite. Unfortunately, my body has not been the kindest to me with sports related injuries(as I am doing this project, I am recovering from my 2nd Ankle Reconstruction surgery). From watching games or highlights, the question I have heard the most has been: Is Michael Jordan or Lebron James the greatest basketball player of all time.

I am most drawn to this subject due in fact that, I never got to see Michael Jordan play in person, as we are still currently watching Lebron James play out his career. So I trully want to know who is the GOAT!

### ****Data Questions****

* As a percentgae of a team, were they individually scoring?
* Did teammates/opponents affect the individuals performance?
* Is there a difference maker between offensive and defensive effieceny?

### ****MVP****

At the end of this project, I am hoping to find enough evidence to answer the question of Who's The Real MVP. That is by showing enough material to determine that outcome.

### ****Schedule****

1. Get the Data (11/19/21)
2. Clean and Explore the Data(11/23/21)
3. Create Presentation(12/17/21)
4. Internal demos(12/21/21)
5. Demo Day!!(1/6/22)

**Data Sources** This project will be using data published by Basketball Reference. This data includes both players career and playoff stats. **Data Tools**

* pgAdmin 4
* MS Excel
* Tableau
* Python

**Known Issues and Challenges**

Challenges will be:

* Looping the data.
* Importing potential new data to further measure the question.
* Removing players that have no correlation.