

Overview of the NBA Playoffs Dataset: Jordan vs. LeBron Career Comparison

This dataset provides detailed information about player performance in NBA playoff games, focusing on the careers of Michael Jordan and LeBron James. The data includes various statistics related to individual achievements and game outcomes, such as field goals made, rebounds, assists, and the impact of players on the game's result. The dataset is structured to offer comprehensive insights into the productivity and impact of these two legendary players during their playoff runs.

Data Dictionary

- **game**: Playoff game
- **date**: Date (yyyy-mm-dd)
- **series**: Series name (EC = Eastern Conference, WC = Western Conference, 1 = First Round, S = Conference Semifinals, F = Conference Finals, FIN = NBA Finals)
- **series_game**: Series game number
- **team**: Player's team
- **opp**: Opponent
- **result**: Win (W) or Loss (L) with the point differential in parenthesis
- **mp**: Minutes played
- **fg**: Field goals made
- **fga**: Field goals attempted
- **fgp**: Field goal percentage
- **three**: 3-point field goals made
- **threeatt**: 3-point field goals attempted
- **threep**: 3-point field goal percentage
- **ft**: Free throws made
- **fta**: Free throws attempted
- **ftp**: Free throw percentage
- **orb**: Offensive rebounds
- **drb**: Defensive rebounds
- **trb**: Total rebounds
- **ast**: Assists
- **stl**: Steals
- **blk**: Blocks

- **tov**: Turnovers
- **pts**: Points scored
- **game_score**: Statistical measure of a player's productivity for a single game
- **minus_plus**: Statistical measure of a player's impact on the game, represented by the difference between their team's total scoring versus their opponent's when the player is in the game

Business Questions

1. **Who has the higher average game_score in playoff games, Jordan or LeBron?**
 - Insight: Compare the productivity of Michael Jordan and LeBron James based on their game_scores.
2. **How does player performance (fg, three, ft) differ between Jordan and LeBron in winning and losing games?**
 - Insight: Compare field goals, 3-point field goals, and free throws between wins and losses for both players to identify key performance factors.
3. **What is the correlation between minutes played (mp) and points scored (pts) for Jordan and LeBron?**
 - Insight: Determine if there is a significant relationship between the time each player spends on the court and the points they score.
4. **How do player stats (orb, drb, trb) affect Jordan's and LeBron's overall performance in terms of result?**
 - Insight: Analyze the impact of offensive, defensive, and total rebounds on the game outcomes for both players.
5. **How do turnovers (tov) influence the game outcomes for Jordan and LeBron?**
 - Insight: Examine the relationship between the number of turnovers and the result of the game to understand the importance of ball control for both players.
6. **What are the trends in 3-point field goal percentages (threep) for Jordan and LeBron across different series and rounds?**
 - Insight: Analyze how 3-point shooting accuracy varies for both players throughout the different stages of the playoffs.
7. **How does the minus_plus statistic correlate with game outcomes for Jordan and LeBron?**
 - Insight: Investigate the impact of each player's minus_plus score on their team's success or failure in games.