

LeBron James Career Data Analysis

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Abstract

NBA dataset found on Kaggle with NBA game results data from the 2003 season through the 2022 season. The dataset includes results from both regular season and postseason games from all the teams and NBA players who have played over the last twenty seasons. The dataset will be used to specifically analyze LeBron James' career point, assist, and rebound totals.



Objective

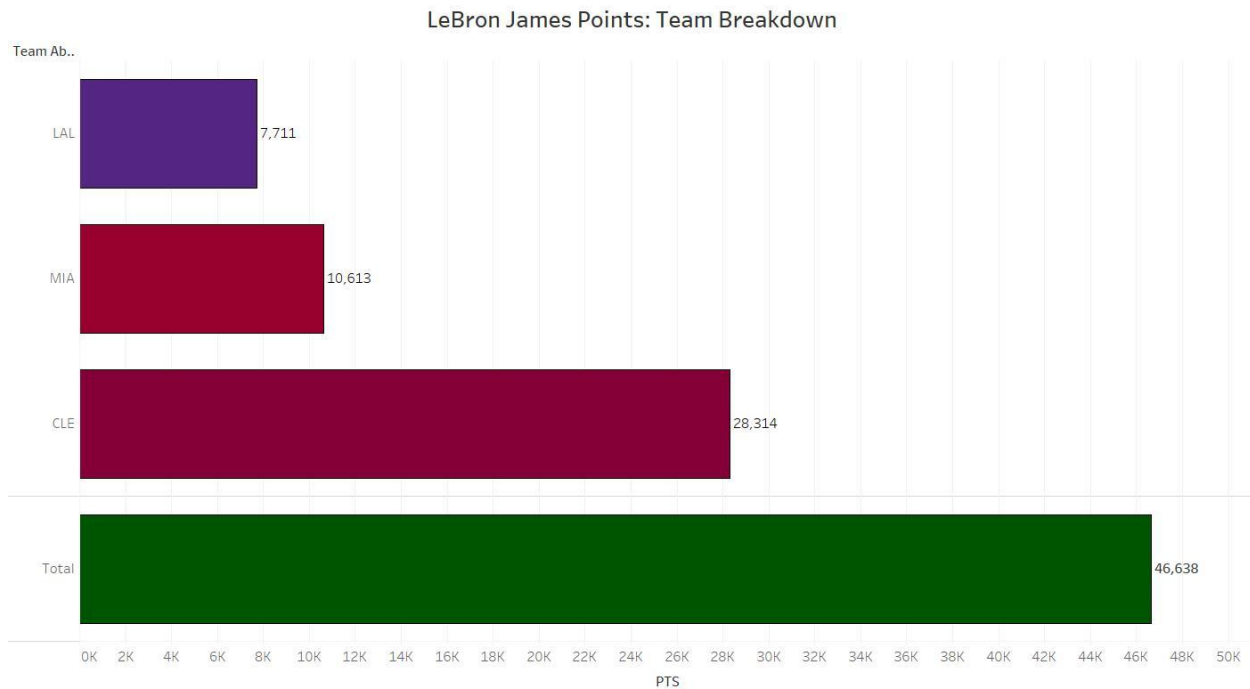
The objective of this analysis is to find the career point, assist, and rebound totals of LeBron James throughout the duration of his career. The analysis also seeks to answer the following questions:

1. Which team did LeBron score the most points with?
2. What was LeBron's best statistical year of his career?
3. What are some trends that have emerged in LeBron's career?



Analysis

1. Which team did LeBron James score the most points with?



Horizontal Bar Graph of Points LeBron James Scored with Respective Teams

LeBron James scored the most points with the Cleveland Cavaliers. In total LeBron played 11 seasons with the Cavs. While playing with the Cavs he played 1,072 games and scored 28,314 career points including both regular and postseason games



2. What was LeBron's best statistical year of his career?

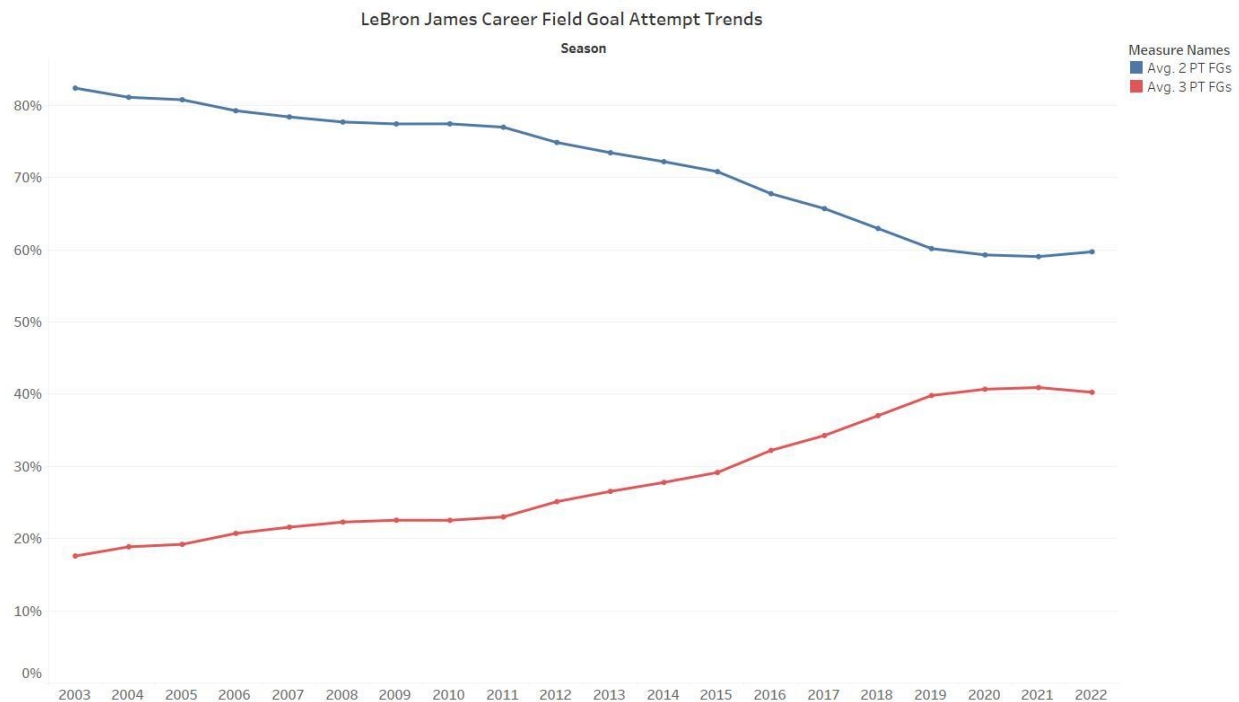
Season	Player_Name	Team	AVG_PPG	AVG_RPG	AVG_APG
2005	L. James	CLE	31.0	7.0	6.0

Table of LeBron James' Best Statistical Season of his Career

LeBron's best statistical year of his career was the 2005 season while playing with the Cavs. In 97 games, including the regular and postseason, he averaged 31 PPG, 7 RPG, and 6 APG while shooting 48% from the field.



3. What are some trends that have emerged in LeBron's career?



Line Graph Showing the Trends of Average Field Goals Attempts of Two and Three Point Field Goals

A trend in basketball has emerged in which the three pointer has become more important and prevalent in basketball, both in the NBA and internationally. The same trend is evident in LeBron's shot selection of two point and three point field goal attempts throughout his career. There has been a steady decline in the amount of two point field goals and an increase in three point field goal attempts as his career has progressed. Additionally, he's become more of a facilitator with an upward trend in assists per game throughout his career.



Appendix

Access Dataset [Here](#)

Access Data Repository [Here](#)

