NBA Player Performance Analysis

Project Proposal by Ian Sellers & Ryan Brown

Introduction

This project aims to analyze NBA player performance data from 2012 to the present, focusing on field goal percentage, 3-point percentage, free throw percentage, assists and rebounds.

Project Goals

Deeper Analysis of Offensive Efficiency:

- Explore the balance between scoring and playmaking by analyzing offensive contribution (PTS + AST) for top players and how it changes with minutes played and team dynamics.
- Investigate whether players with high offensive contribution are also efficient in terms of shooting accuracy and turnovers.

Team Dynamics and Offensive Strategies:

- Focus on high-scoring teams. Analyze what specific strategies or player roles
 make these teams consistently strong in scoring, rebounds, and assists.
- Use advanced metrics like pace, offensive rating, and defensive rating to understand how team dynamics lead to success.

Shooting Accuracy and Play Style:

- Study players with high shooting accuracy in more depth.
- Analyze three-point shooting specialists to see how their scoring patterns differ from players with more traditional shot selection.

Consistency of Top Performers:

 Investigate players who appear across multiple metrics (efficiency, scoring, assists). Analyze how they maintain their performance across seasons and what metrics consistently predict high performance.

Team Evolution Over Time:

 Study team synergy by looking at the correlation between assists and points for top teams.

Impact of 3-Point Shooting in Modern Basketball:

- Given the strong correlation between 3-pointers and points, explore how the rise
 of three-point shooting is changing basketball. Look at trends in 3-point
 attempt rates over the years and the impact on team success.
- Methodology

We will utilize the following Python libraries for data analysis and visualization:

- Pandas: For data manipulation and cleaning.
- **NumPy:** For numerical operations.
- Matplotlib/Seaborn/ggPlot: For data visualization.

Data Preparation and Exploration

To begin, we'll dive into the dataset by loading it into a Pandas DataFrame. This will provide a structured format for our analysis. We'll then conduct a thorough examination of the data, identifying and addressing any missing values that might skew our results. We'll calculate additional metrics such as win percentage, providing a more comprehensive view of team performance. With a clean and expanded dataset, we'll explore the data's characteristics using descriptive statistics, gaining insights into central tendencies and variability.

We will then focus on visualizing the distribution of shooting percentages, understanding how these values are spread across the league. We'll investigate the relationship between shooting accuracy and team success, exploring whether there's a correlation between these factors. To uncover trends and patterns, we'll examine how shooting performance has evolved over time. Finally, we'll dissect shooting performance based on player positions, searching for positional differences in shooting accuracy.

Scope

The project will focus on analyzing the provided dataset and deriving insights into the relationship between shooting accuracy and team success.

Expected Outcomes

- Visualizations that effectively communicate key findings.
- Potential identification of factors influencing shooting performance.
- A foundation for further exploration of NBA player performance metrics.

 Potentially predict player statistics for future seasons.- involves ML coding which is beyond the scope of the course.

Question 1: Group by teams and calculate average points & Top 10 players by points

```
Average Points by Team:
TEAM
ATL
     357.038339
BKN
     332.439628
BOS
     332.835655
     434.373913
CHA
     390.211321
CHI
CLE
     379.953488
     352.360759
DAL
DEN
     388.391304
     404.723849
DET
GSW
     389.580442
     373.990291
HOU
IND 368.388889
LAC
     351.793003
     391.738516
LAL
MEM 314.759760
MIA
     359.263804
MIL
     336.054131
MIN 410.857708
NOH
     459.647059
NOP
     406.161157
     396.583012
NYK
OKC
     371.555911
ORL
     395.247967
     352.461783
PHI
PHX 420.568702
POR
     362.545455
SAC
     477.239819
SAS 371.836667
     364.205047
TOR
UTA
     360.555172
WAS
     385.135714
Name: PTS, dtype: float64
Top 10 Players by Points for the last 10 years:
                    PLAYER PTS
               James Harden 2818
4204
677
              Kevin Durant 2593
         Russell Westbrook 2558
2753
              James Harden 2376
2062
2063
              Stephen Curry 2375
```

| 8049 | | Luka | Doncic | 2370 |
|------|------|--------------|---------|------|
| 2754 | | James | Harden | 2356 |
| 4946 | | James | Harden | 2335 |
| 0 | | Kevin | Durant | 2280 |
| 8050 | Shai | Gilgeous-Ale | exander | 2254 |

Question 2

Identify the top scorers in different seasons and across all seasons.

```
Top Scorers by Season:

year PLAYER PTS

0 2012-13 Kevin Durant 2280

677 2013-14 Kevin Durant 2593

1362 2014-15 James Harden 2217

2062 2015-16 James Harden 2376

2753 2016-17 Russell Westbrook 2558

3454 2017-18 LeBron James 2251

4204 2018-19 James Harden 2818

4946 2019-20 James Harden 2335

5692 2020-21 Stephen Curry 2015

6471 2021-22 Trae Young 2155

7293 2022-23 Jayson Tatum 2225

8049 2023-24 Luka Doncic 2370
```

Top Scorer Across All Seasons:

year 2018-19
PLAYER James Harden
PTS 2818
Name: 4204, dtype: object

Question 3: Teams with the Highest Average Stats

```
Teams with Highest Average Stats: 2012-13
PTS REB AST

TEAM

OKC 107.414634 44.829268 21.353659

DEN 106.146341 45.036585 24.414634

MIL 105.182927 45.829268 24.890244

MIA 102.756098 38.451220 23.036585

SAS 102.609756 41.134146 24.987805

SAC 102.353659 40.390244 20.378049

LAL 102.207317 44.804878 22.170732

LAC 101.768293 41.682927 24.121951

BOS 101.658537 39.780488 24.292683

GSW 99.975610 44.439024 22.195122
```

```
Teams with Highest Average Stats: 2013-14
PTS REB AST

TEAM

LAC 116.597561 47.268293 25.707317
GSW 111.439024 47.158537 28.073171
OKC 110.719512 46.658537 22.560976
IND 109.804878 51.634146 23.073171
HOU 107.182927 46.024390 20.682927
MIN 106.841463 44.817073 24.121951
POR 106.743902 46.439024 23.219512
CLE 106.134146 47.878049 23.829268
PHX 105.231707 43.036585 19.060976
DAL 104.841463 40.902439 23.597561
```

Teams with Highest Average Stats: 2014-15 PTS REB AST

```
TEAM

OKC 116.512195 48.853659 22.109756

HOU 116.378049 49.512195 26.524390

POR 112.426829 47.097561 23.487805

CLE 111.987805 50.585366 24.121951

GSW 109.951220 44.719512 27.414634

LAC 108.280488 42.829268 25.512195

DAL 106.853659 44.804878 24.573171

TOR 104.170732 41.609756 20.841463

ATL 103.743902 41.256098 25.853659

BKN 102.512195 41.658537 21.621951
```

| Teams | with | Highest | Average | Stats: | 2015-16 |
|-------|-------|---------|----------|--------|---------|
| | | PTS | RE | В | AST |
| TEAM | | | | | |
| GSW | 115.1 | 134146 | 46.64634 | 1 28.9 | 51220 |
| WAS | 114.4 | 151220 | 45.13414 | 6 26.3 | 17073 |
| MIA | 113.6 | 570732 | 47.98780 | 5 25.3 | 29268 |
| OKC | 112.2 | 219512 | 49.32926 | 8 23.5 | 24390 |
| SAS | 110.6 | 521951 | 45.39024 | 4 26.1 | 21951 |
| LAC | 107.7 | 707317 | 42.21951 | 2 22.8 | 17073 |
| POR | 107.2 | 231707 | 45.74390 | 2 22.1 | 82927 |
| CLE | 106.7 | 792683 | 45.32926 | 8 23.1 | 34146 |
| SAC | 106.5 | 585366 | 44.24390 | 2 24.5 | 00000 |
| ATL | 105.0 | 97561 | 43.98780 | 5 26.0 | 12195 |

| Teams | with | Highest | Average | Stats: | 2016-17 |
|-------|-------|---------|-----------|---------|---------|
| | | PTS | REI | 3 | AST |
| TEAM | | | | | |
| HOU | 125.4 | 102439 | 44.536585 | 5 26.50 | 00000 |
| WAS | 124.3 | 353659 | 46.902439 | 9 28.3 | 90244 |
| GSW | 120.7 | 780488 | 47.951220 | 32.1 | 46341 |
| CLE | 120.1 | L70732 | 47.829268 | 3 26.78 | 80488 |
| DEN | 117.0 | 36585 | 50.170732 | 2 27.42 | 26829 |
| TOR | 115.2 | 243902 | 50.402439 | 9 19.5 | 73171 |
| MIL | 112.8 | 341463 | 45.219512 | 25.4 | 51220 |
| OKC | 112.2 | 268293 | 49.780488 | 3 20.9 | 14634 |
| ATL | 111.4 | 151220 | 48.341463 | 3 24.78 | 80488 |
| LAC | 108.6 | 570732 | 43.024390 | 22.5 | 36585 |
| | | | | | |

| Teams | with | Highest PTS | Average REE | | 2017-18 AST |
|-------|-------|----------------|----------------|---------|----------------|
| TEAM | | | | | |
| PHI | 121.1 | L21951 | 50.219512 | 28.6 | 16341 |
| CLE | 118.5 | 524390 | 43.560976 | 5 24.04 | 48780 |
| LAC | 116.4 | 163415 | 43.853659 | 22.32 | 29268 |
| HOU | 116.3 | 365854 | 45.487805 | 5 22.02 | 24390 |
| NOP | 115.5 | 548780 | 43.951220 | 26.83 | 17073 |
| GSW | 113.4 | 163415 | 43.512195 | 5 29.29 | 92683 |
| TOR | 112.6 | 546341 | 44.378049 | 24.4 | 75610 |
| MIA | 112.2 | 292683 | 46.573171 | L 25.02 | 24390 |
| OKC | 110.2 | 268293 | 46.195122 | 21.84 | 41463 |
| DEN | 110.1 | L70732 | 44.402439 | 24.6 | 70732 |

| Teams | with | Highest | Average | Stats: | 2018-19 |
|-------|-------|---------|----------|---------|---------|
| | | PTS | RE | В | AST |
| TEAM | | | | | |
| MIL | 128.8 | 353659 | 54.60975 | 6 30.23 | 19512 |
| PHI | 128.3 | 390244 | 53.86585 | 4 28.08 | 85366 |
| POR | 125.5 | 573171 | 53.65853 | 7 24.39 | 90244 |
| SAC | 123.4 | 126829 | 47.84146 | 3 25.79 | 92683 |
| OKC | 118.8 | 390244 | 50.12195 | 1 24.18 | 82927 |
| LAC | 118.7 | 780488 | 47.47561 | 0 24.7 | 68293 |
| LAL | 117.8 | 378049 | 48.60975 | 6 27.03 | 12195 |
| GSW | 117.6 | 582927 | 46.18292 | 7 29.42 | 26829 |
| TOR | 117.6 | 546341 | 45.37804 | 9 28.52 | 24390 |
| HOU | 116.9 | 951220 | 43.06097 | 6 22.39 | 90244 |
| | | | | | |

| Teams | with | Highest PTS | Average | | 2019-20 AST |
|-------|-------|----------------|-----------|-------|----------------|
| TEAM | | PTS | KLI | 5 | AST |
| TEAM | | | | | |
| DAL | 112.4 | 175610 | 46.365854 | 23.91 | L4634 |
| PHI | 111.1 | L09756 | 44.219512 | 24.84 | 11463 |
| LAC | 109.5 | 512195 | 41.829268 | 21.01 | L2195 |
| HOU | 108.7 | 731707 | 37.792683 | 19.53 | 36585 |
| MIL | 108.6 | 582927 | 47.109756 | 23.42 | 26829 |
| SAC | 106.0 | 148780 | 40.475610 | 21.96 | 53415 |
| MIA | 105.4 | 139024 | 42.975610 | 24.91 | L4634 |
| LAL | 102.3 | 365854 | 41.268293 | 22.69 | 95122 |

```
NOP 101.719512 40.829268 23.560976 WAS 101.390244 37.548780 23.463415
```

| Teams | with Highest | Average S | tats: 2020-21 | |
|-------|--------------|-----------|---------------|--|
| | PTS | REB | AST | |
| TEAM | | | | |
| MIL | 109.268293 | 44.353659 | 22.926829 | |
| CHI | 109.182927 | 44.536585 | 25.317073 | |
| BKN | 107.365854 | 39.207317 | 24.658537 | |
| DEN | 106.487805 | 41.573171 | 25.134146 | |
| ATL | 104.756098 | 40.463415 | 21.780488 | |
| PHI | 103.768293 | 40.621951 | 21.963415 | |
| LAL | 103.487805 | 43.378049 | 22.695122 | |
| UTA | 102.878049 | 42.512195 | 20.768293 | |
| POR | 102.317073 | 38.646341 | 18.329268 | |
| SAC | 101.914634 | 37.292683 | 23.256098 | |
| | | | | |

| Teams | with | Highest | Average | Stats: | 2021-22 |
|-------|-------|---------|-----------|--------|---------|
| | | PTS | REI | В | AST |
| TEAM | | | | | |
| CHA | 121.5 | 597561 | 47.68292 | 7 28.1 | 70732 |
| PHX | 119.7 | 792683 | 46.792683 | 3 28.9 | 51220 |
| DEN | 118.8 | 378049 | 45.93902 | 4 28.4 | 63415 |
| UTA | 118.7 | 731707 | 47.804878 | 8 22.4 | 87805 |
| SAC | 118.1 | 158537 | 48.00000 | 0 23.5 | 60976 |
| MIL | 116.8 | 317073 | 47.146343 | 1 24.2 | 92683 |
| MIN | 116.5 | 512195 | 44.63414 | 6 25.7 | 56098 |
| MEM | 115.6 | 509756 | 49.14634 | 1 25.9 | 87805 |
| CHI | 114.0 | 060976 | 44.14634 | 1 24.0 | 36585 |
| TOR | 113.7 | 768293 | 47.18292 | 7 23.1 | 70732 |
| | | | | | |

| Teams | with | Highest | Average | Stats: | 2022-23 |
|-------|-------|---------|-----------|--------|---------|
| | | PTS | REI | 3 | AST |
| TEAM | | | | | |
| LAC | 133.5 | 585366 | 51.85365 | 9 31.6 | 09756 |
| ATL | 129.5 | 573171 | 48.85365 | 9 26.0 | 97561 |
| LAL | 127.9 | 951220 | 48.57317 | 1 26.3 | 65854 |
| NYK | 124.6 | 695122 | 52.91463 | 4 26.3 | 17073 |
| PHI | 122.9 | 902439 | 44.780488 | 3 26.4 | 02439 |

```
TOR 122.780488 49.097561 26.695122
DEN 121.560976 46.109756 29.707317
BOS 121.243902 47.024390 27.134146
SAC 120.890244 42.621951 27.304878
MEM 120.146341 47.585366 26.463415
```

| Teams | with | Highest | Average | Stats: | 2023-24 |
|-------|-------|---------|-----------|---------|---------|
| | | PTS | REE | 3 | AST |
| TEAM | | | | | |
| LAL | 127.4 | 187805 | 45.743902 | 2 32.9 | 63415 |
| OKC | 125.6 | 521951 | 46.231707 | 7 28.1 | 95122 |
| DAL | 123.7 | 707317 | 46.548780 | 26.1 | 70732 |
| IND | 123.5 | 585366 | 40.792683 | 30.63 | 34146 |
| BOS | 123.2 | 292683 | 48.146341 | L 27.70 | 07317 |
| MIL | 122.3 | 353659 | 46.390244 | 27.6 | 21951 |
| PHI | 121.5 | 512195 | 43.500000 | 27.3 | 41463 |
| NYK | 120.2 | 231707 | 47.646341 | L 25.6 | 46341 |
| PHX | 119.8 | 329268 | 45.963415 | 5 28.8 | 78049 |
| ATL | 117.8 | 390244 | 44.475610 | 26.50 | 00000 |

Question 4: Identify the most efficient players (with a minimum of a certain number of minutes played to ensure relevance)Most Efficient Players Based on Simplified PER (Regular Season):

| | PLAYER | TEAM | year | PTS | REB | AST | STL | BLK | TOV | MIN | Efficiency |
|------|-----------------------|------|---------|------|------|-----|-----|-----|-----|------|------------|
| 4949 | Giannis Antetokounmpo | MIL | 2019-20 | 1857 | 856 | 354 | 61 | 66 | 230 | 1917 | 1.546166 |
| 8096 | Joel Embiid | PHI | 2023-24 | 1353 | 430 | 219 | 46 | 66 | 150 | 1309 | 1.500382 |
| 7297 | Giannis Antetokounmpo | MIL | 2022-23 | 1959 | 742 | 359 | 52 | 51 | 246 | 2024 | 1.441206 |
| 2753 | Russell Westbrook | OKC | 2016-17 | 2558 | 864 | 840 | 132 | 31 | 438 | 2802 | 1.422912 |
| 6475 | Nikola Jokic | DEN | 2021-22 | 2004 | 1019 | 584 | 109 | 63 | 281 | 2476 | 1.412763 |
| 6476 | Giannis Antetokounmpo | MIL | 2021-22 | 2002 | 778 | 388 | 72 | 91 | 219 | 2204 | 1.411978 |
| 4210 | Giannis Antetokounmpo | MIL | 2018-19 | 1994 | 898 | 424 | 92 | 110 | 268 | 2358 | 1.378287 |
| 6473 | Joel Embiid | PHI | 2021-22 | 2079 | 796 | 284 | 77 | 99 | 214 | 2296 | 1.359321 |
| 8049 | Luka Doncic | DAL | 2023-24 | 2370 | 647 | 686 | 99 | 38 | 282 | 2624 | 1.355945 |
| 8053 | Nikola Jokic | DEN | 2023-24 | 2085 | 976 | 708 | 108 | 68 | 237 | 2737 | 1.354768 |

```
MIN Efficiency
4949 1917 1.546166
8096 1309 1.500382
7297 2024 1.441206
2753 2802 1.422912
6475 2476 1.412763
6476 2204 1.411978
4210 2358 1.378287
6473 2296 1.359321
```

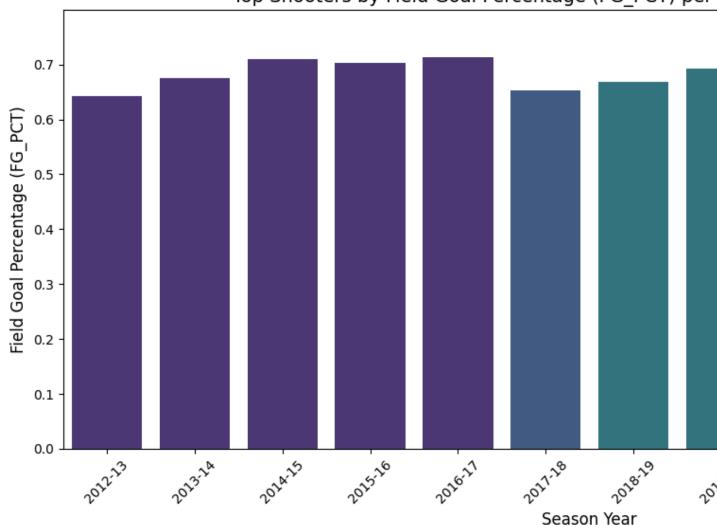
Question 5: Identify the most efficient player for each year

Most Efficient Players for Each Year (Regular%20Season):

| | PLAYER | TEAM | year | PTS | REB | AST | STL | BLK | TOV |
|------|-----------------------|------|---------|------|------|-----|-----|-----|-----|
| \ | | | | | | | | | |
| 2 | LeBron James | MIA | 2012-13 | 2036 | 610 | 551 | 129 | 67 | 226 |
| 680 | Kevin Love | MIN | 2013-14 | 2010 | 963 | 341 | 59 | 35 | 196 |
| 1364 | Russell Westbrook | OKC | 2014-15 | 1886 | 488 | 574 | 140 | 14 | 293 |
| 2063 | Stephen Curry | GSW | 2015-16 | 2375 | 430 | 527 | 169 | 15 | 262 |
| 2753 | Russell Westbrook | OKC | 2016-17 | 2558 | 864 | 840 | 132 | 31 | 438 |
| 3455 | James Harden | HOU | 2017-18 | 2191 | 389 | 630 | 126 | 50 | 315 |
| 4210 | Giannis Antetokounmpo | MIL | 2018-19 | 1994 | 898 | 424 | 92 | 110 | 268 |
| 4949 | Giannis Antetokounmpo | MIL | 2019-20 | 1857 | 856 | 354 | 61 | 66 | 230 |
| 5697 | Giannis Antetokounmpo | MIL | 2020-21 | 1717 | 671 | 357 | 72 | 73 | 207 |
| 6475 | Nikola Jokic | DEN | 2021-22 | 2004 | 1019 | 584 | 109 | 63 | 281 |
| 7297 | Giannis Antetokounmpo | MIL | 2022-23 | 1959 | 742 | 359 | 52 | 51 | 246 |
| 8096 | Joel Embiid | PHI | 2023-24 | 1353 | 430 | 219 | 46 | 66 | 150 |

Question 6: Identify players with the highest shooting accuracy in each season (normalized for minutes played)





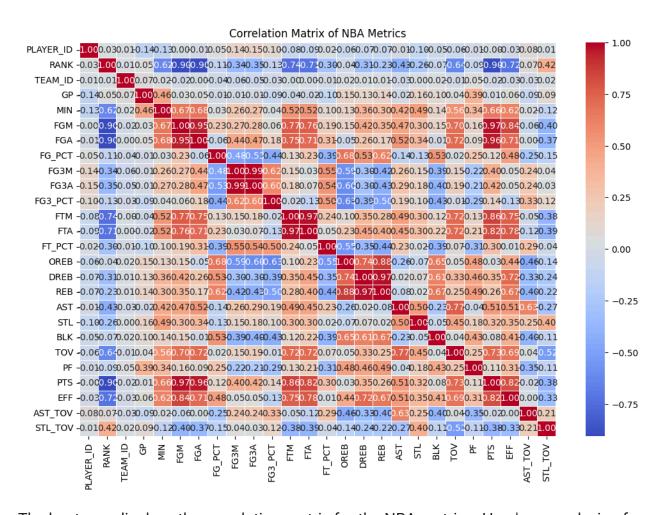
Players with the Highest Shooting Accuracy by Season (Field Goal Percentage):

| year | PLAYER TEAM | FG_PC1 |
|---------|----------------------|--------|
| 2012-13 | DeAndre Jordan LAC | 0.643 |
| 2013-14 | DeAndre Jordan LAC | 0.676 |
| 2014-15 | DeAndre Jordan LAC | 0.710 |
| 2015-16 | DeAndre Jordan LAC | 0.703 |
| 2016-17 | DeAndre Jordan LAC | 0.714 |
| 2017-18 | Clint Capela HOU 0.0 | 652 |
| 2018-19 | Rudy Gobert UTA 0. | 669 |
| | | |

```
    2019-20 Rudy Gobert UTA 0.693
    2020-21 Rudy Gobert UTA 0.675
    2021-22 Mitchell Robinson NYK 0.761
    2022-23 Walker Kessler UTA 0.720
    2023-24 Daniel Gafford DAL 0.725
```

Question 8:

Calculate the correlation matrix for the numeric columns



The heatmap displays the correlation matrix for the NBA metrics. Here's an analysis of the key observations:

Strong Positive Correlations (Values close to 1):

FGM (Field Goals Made) vs. PTS (Points): Correlation ~0.99. This is expected, as scoring more field goals directly leads to more points. FGA (Field Goals Attempted) vs. PTS (Points): Correlation ~0.99. Players who attempt more field goals tend to score more points.

REB (Total Rebounds) vs. OREB/DREB (Offensive/Defensive Rebounds): Correlation ~0.99. Total rebounds are almost perfectly correlated with offensive and defensive rebounds combined.

MIN (Minutes Played) vs. various stats (PTS, FGM, etc.): Players who spend more time on the court tend to accumulate more stats across different categories, such as points, field goals, and assists.

Strong Negative Correlations (Values close to -1):

There aren't many significant negative correlations, though some metrics are inversely related, but with weak correlation values.

Notable Medium-High Correlations (0.7 - 0.9):

AST (Assists) vs. PTS (Points): A relatively strong positive correlation (~0.79). Players with more assists are often involved in more scoring plays.

OREB/DREB (Offensive/Defensive Rebounds) vs. REB (Total Rebounds): As expected, these individual components contribute directly to the total rebounds.

Weak or No Correlations (Values close to 0):

TEAM_ID vs. all other stats: As expected, there's no significant correlation between team identifiers and player statistics.

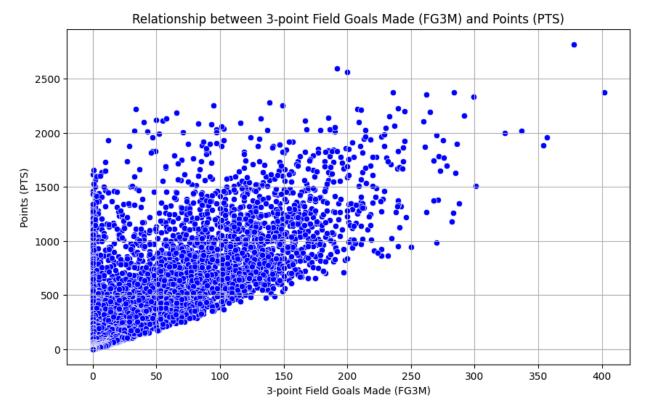
PLAYER_ID vs. all other stats: This is a unique identifier and doesn't correlate with performance metrics.

Conclusion:

The most strongly correlated metrics are field goals attempted/made with points, as well as minutes played with performance metrics like points and assists. Rebounds also show strong internal correlation between offensive, defensive, and total rebounds. These correlations make sense in the context of basketball performance, where key performance indicators tend to cluster.

Question9: Calculate the correlation between 3-point field goals made and total points

Correlation between 3-point Field Goals Made (FG3M) and Points (PTS): 0.77



Top 10 Scorers and Their 3-Point Field Goals Made:

| | PLAYER PTS FG3M |
|------|---------------------------------|
| 4204 | James Harden 2818 378 |
| 677 | Kevin Durant 2593 192 |
| 2753 | Russell Westbrook 2558 200 |
| 2062 | James Harden 2376 236 |
| 2063 | Stephen Curry 2375 402 |
| 8049 | Luka Doncic 2370 284 |
| 2754 | James Harden 2356 262 |
| 4946 | James Harden 2335 299 |
| 0 | Kevin Durant 2280 139 |
| 8050 | Shai Gilgeous-Alexander 2254 95 |

Scatter Plot Results

The scatter plot shows a clear positive trend: as the number of 3-point field goals made (FG3M) increases, the total points (PTS) also tend to increase. However, the spread of points indicates that some players score a significant number of points even without relying heavily on 3-pointers, while others who make a lot of 3-pointers also score a lot.

Top 10 Scorers:

James Harden appears multiple times in the top 10, making him one of the top scorers and also one of the top 3-point shooters, especially with 378 and 299 made 3-pointers in different seasons. Stephen Curry is a notable example with 402 made 3-pointers, showing that a significant portion of his points come from 3-point shooting. Other top scorers, like Shai Gilgeous-Alexander and Kevin Durant in one of the entries, score high points but have relatively fewer 3-point field goals made compared to others (95 and 139).

Conclusion:

There is a clear correlation between making 3-point field goals and scoring high points, but not all top scorers are necessarily the best 3-point shooters. Players like Shai Gilgeous-Alexander rely less on 3-pointers, while players like Stephen Curry and James Harden significantly contribute to their points through 3-pointers.

Question 10

To find out which players contribute the most to their team's offense by combining their points (PTS)

and assists (AST), we can create a new metric called "Offensive Contribution" (which is the sum of points

and assists) and then identify the top players.

| Top 1 | O Players with the | Highe | st Off | ensive | e Contribution | (Points + | Assists): |
|-------|--------------------|-------|--------|--------|----------------|-----------|-----------|
| | PLAYER | TEAM | PTS | AST | Offensive_Cont | ribution | |
| 4204 | James Harden | HOU | 2818 | 586 | | 3404 | |
| 2753 | Russell Westbrook | OKC | 2558 | 840 | | 3398 | |
| 2754 | James Harden | HOU | 2356 | 907 | | 3263 | |
| 8049 | Luka Doncic | DAL | 2370 | 686 | | 3056 | |
| 677 | Kevin Durant | OKC | 2593 | 445 | | 3038 | |
| 3454 | LeBron James | CLE | 2251 | 747 | | 2998 | |
| 2062 | James Harden | HOU | 2376 | 612 | | 2988 | |
| 2063 | Stephen Curry | GSW | 2375 | 527 | | 2902 | |
| 6471 | Trae Young | ATL | 2155 | 737 | | 2892 | |
| 3457 | Russell Westbrook | OKC | 2028 | 820 | | 2848 | |