

How the Golden State Warriors are the Future of the NBA
CS171 Final Project - Project Plan
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Basic info

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GitHub: <https://github.com/g Zhang01/CS171-Final-Project>

Introduction

Since the initial project plan, we presented our ideas in studio, obtained feedback from our TF and peers, and met to redraft our visualizations to incorporate their feedback. Our goal continues to be to visualize trends in the NBA in light of the Golden State Warriors' historic season, but we have decided to focus on trends regarding three-point field goals. From our initial data analysis, we noticed that the percentage of three-point shots being taken has increased over the past decade, and we are interested to see whether successful teams and players are driving this trend.

New Sketches / Storyboard Description

We have modified our sketches to incorporate studio feedback. We had mentioned in our initial project plan that we wanted to view trends within the NBA, but failed to provide any visualizations that looked at data over time. We addressed this issue in our new sketches (see Visualization Sketches v2 #1 below). In this visualization, we are simply looking at the number of two-point, three-point, and total field goals per game. The goal here is to show that the number of three-point shots has been steadily increasing over time, revealing a change in game strategy. We plan to have a timeline below the main line graph that allows a user to brush over certain years to view more specific data, as well as selection buttons at the top that will show / hide the corresponding lines. When these lines are shown / hidden, the y axis will shift to allow for better visualization of certain lines. This goal of this interaction is to make sure trends in three-points field goals are not hidden in a scale that better suits total number of field goals.

Our second visualization (see Visualization Sketches v2 #2) aims to focus on one successful team in the NBA, specifically the Golden State Warriors. We plot shots that players on the team have attempted in various places on the court with a dot-density diagram. We hope to ultimately make this into a proportional symbol diagram as well, with the size of the dot corresponding to how many shots were taken from any particular location. The visualization will also be color-coded so that the color of each dot corresponds with shooting average compared to league average. We hope to show that a successful team generally has a higher shooting average from beyond the three-point line.

In visualization three, (see Visualization Sketches v2 #3) we are looking at a specific player, namely Stephen Curry. We want to look at the true shooting percentage of Curry in relation to his teammates, both over time (line graph) and per given amount of play time (scatter plot). We know that true shooting percentage tends to be higher for players who make many three-point field goals, since true shooting percentage normalizes for the difficulty of three-point shots, and so we assume a correlation between true shooting percentage and three-points shots made. In this way, when we compare the true shooting percentages of Curry and his teammates, we would expect to see Curry's numbers being generally higher. The two plots are linked through the data points on the line graph. Clicking on a specific year will bring up the scatterplot of players with data from that year. The axes of the scatter plot are labeled with the true shooting percentage in the y-axis and the shots/36 minutes in the x-axis. Additionally, the size of the dots within the scatter plot will encode the total amount of time played. This helps differentiate players who have a high true shooting percentage to shots ratio yet play meaningful minutes versus players who might have a high true shooting percentage to shots ratio yet play very few minutes.

The data for these visualizations will come from nba.com/stats and basketball-reference.com. Basketball-reference.com has downloadable csv files containing all the states which we can use for the first and third visualizations. We plan to use an NBA API to obtain data from nba.com/stats for the second visualization (see Datasets below).

Webpage Layout

Web Layout Page 1

CS171 Final Project

Visualization 1

Introduction

Brisket short loin ham meatloaf. Strip steak meatball jerky brisket shank corned beef, landjaeger kielbasa leberkas pork loin chuck rump tenderloin. Shankle shoulder filet mignon salami short ribs. Swine pork t-bone, shank chicken tri-tip turducken. Shoulder salami picanha, tail pastrami jowl beef tenderloin brisket pork loin frankfurter landjaeger leberkas. Strip steak frankfurter pork belly short ribs kielbasa, cupim pork loin shankle fatback short loin bacon cow brisket.

Swine cow turkey doner ball tip tail. Drumstick ham hock kevin, spare ribs jowl pork loin alcatra corned beef. Fatback venison rump prosciutto porchetta t-bone short loin beef sirloin strip steak andouille bacon kielbasa. Shankle meatball corned beef filet mignon beef tenderloin rump boudin t-bone fatback sirloin hamburger capicola chuck bacon. Cow beef ribs ball tip strip steak sausage andouille prosciutto porchetta beef ham.

Trending 3 Point Shots

Strip steak shankle swine tri-tip turkey. Salami kevin short ribs jerky filet mignon. Cow meatball pork chop shankle, capicola salami ham hock. Beef cow picanha shoulder salami biltong doner andouille pastrami tail kielbasa drumstick alcatra ground round turkey. Meatloaf alcatra salami sirloin turkey leberkas landjaeger drumstick shankle ground round kielbasa capicola. Pastrami capicola pork chop drumstick short loin, pork belly shank picanha.

Boudin pork loin tail ball tip picanha pork belly meatloaf. Jerky turducken prosciutto shoulder bacon. Shoulder shankle picanha, ball tip sirloin jowl swine corned beef t-bone pork loin. Ham salami andouille cupim pork belly ham hock drumstick capicola tail. Kevin tenderloin jerky t-bone, chicken pork chop pastrami bacon ball tip. Corned beef meatloaf ribeye ball tip.

Visualization 2

The Warriors Are Leading The Revolution

Strip steak shankle swine tri-tip turkey. Salami kevin short ribs jerky filet mignon. Cow meatball pork chop shankle, capicola salami ham hock. Beef cow picanha shoulder salami biltong doner andouille pastrami tail kielbasa drumstick alcatra ground round turkey. Meatloaf alcatra salami sirloin turkey leberkas landjaeger drumstick shankle ground round kielbasa capicola. Pastrami capicola pork chop drumstick short loin, pork belly shank picanha.

Boudin pork loin tail ball tip picanha pork belly meatloaf. Jerky turducken prosciutto shoulder bacon. Shoulder shankle picanha, ball tip sirloin jowl swine corned beef t-bone pork loin. Ham salami andouille cupim pork belly ham hock drumstick capicola tail. Kevin tenderloin jerky t-bone, chicken pork chop pastrami bacon ball tip. Corned beef meatloaf ribeye ball tip.

Visualization 3

Steph Curry is Driving This Warriors Team

Bacon ipsum dolor amet frankfurter picanha venison beef ribs landjaeger shankle. Drumstick doner leberkas, ham chuck spare ribs filet mignon kielbasa swine. Porchetta beef pig, pork chop pancetta doner tri-tip tongue salami. Picanha short ribs pig pork belly flank kevin hamburger pancetta kielbasa strip steak pork shoulder spare ribs filet mignon landjaeger. Short loin t-bone tri-tip sirloin corned beef ham capicola hamburger strip steak ball tip porchetta shankle pastrami boudin tenderloin. Rump brisket boudin shank sirloin pig picanha short ribs chuck pork belly tongue pancetta prosciutto hamburger capicola.

Conclusion

Bacon ipsum dolor amet frankfurter picanha venison beef ribs landjaeger shankle. Drumstick doner leberkas, ham chuck spare ribs filet mignon kielbasa swine. Porchetta beef pig, pork chop pancetta doner tri-tip tongue salami. Picanha short ribs pig pork belly flank kevin hamburger pancetta kielbasa strip steak pork shoulder spare ribs filet mignon landjaeger. Short loin t-bone tri-tip sirloin corned beef ham capicola hamburger strip steak ball tip porchetta shankle pastrami boudin tenderloin. Rump brisket boudin shank sirloin pig picanha short ribs chuck pork belly tongue pancetta prosciutto hamburger capicola.

Future Work

Bacon ipsum dolor amet frankfurter picanha venison beef ribs landjaeger shankle. Drumstick doner leberkas, ham chuck spare ribs filet mignon kielbasa swine. Porchetta beef pig, pork chop pancetta doner tri-tip tongue salami. Picanha short ribs pig pork belly flank kevin hamburger pancetta kielbasa strip steak pork shoulder spare ribs filet mignon landjaeger. Short loin t-bone tri-tip sirloin corned beef ham capicola hamburger strip steak ball tip porchetta shankle pastrami boudin tenderloin. Rump brisket boudin shank sirloin pig picanha short ribs chuck pork belly tongue pancetta prosciutto hamburger capicola.

Storytelling

In our project we want to help frame the Golden States Warriors historic season and the role the three point shot has to play in their season. In our first visualization, we highlight the trend of increasing three point shots at the league level over the past couple of seasons. This gives context to the kind of environment the NBA is currently in. After this, we explain how the Warriors are taking advantage of the 3-point shot and leading a 3-point shot revolution in the NBA. This visualization will show on a basketball court map the shot frequencies from every point in the court. The Warriors shoot an exceptionally high number of 3-point shots per game so we hope to illustrate that with this visualization. Finally, we take an even closer look at the Warriors' star player and 3-point shooter Steph Curry with our 3rd visualization. In this visualization we show how Curry is one of the best players in the NBA in his true field goal percentage. These three visualizations together highlight our story about how the Warriors are leading a 3-point shot revolution in the NBA, and it has helped them become the (arguably) winningest team in NBA history.

Feature List / Project Timeline

- Scraped data from nba.com/stats (April 4th, 2016)
- Redesign visualizations given extent of data we are able to collect (April 7th, 2016)
- Finish project redesign (April 11th, 2016)
- Viz 1 (April 14th, 2016)
- Viz 3 (April 14th, 2016)
- Viz 2 (April 18th, 2016)
- Textual context (April 18th, 2016)
- Prototype v2 based on feedback (April 25th, 2016)

- CSS / HTML styling for webpage (April 25th, 2016)
- Final Project (May 2nd, 2016)

Team Roles

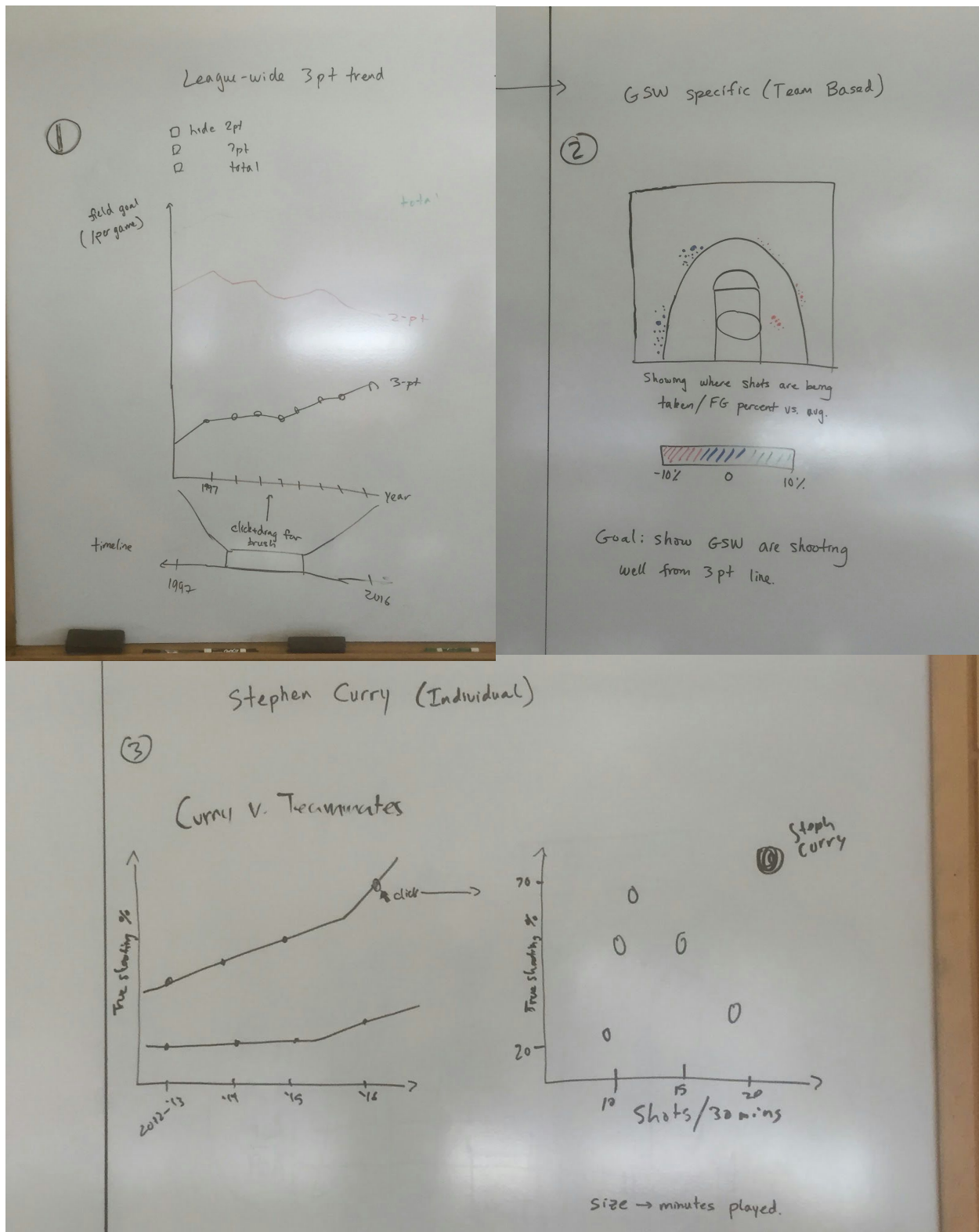
Coordinator: Michael Woo

Submitter: Jeffrey Zhao

Final Notes

Viz exploration questionnaire for all members is in zipped file. Poster picture submitted to appropriate location on canvas by submitter.

Visualization Sketches v2



Datasets

For 1st visualization:

http://www.basketball-reference.com/leagues/NBA_stats.html

| Rk | Season | Lg | G | Per Game MP | Per Game FG | Per Game FGA | Per Game 3P | Per Game 3PA | Per Game FT | Per Game FTA | Per Game ORB | Per Game DRB | Per Game TRB | Per Game AST | Per Game STL | Per Game BLK | Per Game TOV | Per Game PF | Per Game PTS | Shooting FG% | Shooting 3P% | Shooting FT% | Ad Ply |
|----|---------|-----|------|----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------|
| 1 | 2015-16 | NBA | 1137 | 241.8 | 38.2 | 84.6 | 8.5 | 23.9 | 17.7 | 23.4 | 10.4 | 33.4 | 43.8 | 22.2 | 7.8 | 5 | 14.4 | 20.4 | 102.6 | 0.452 | 0.353 | 0.757 | |
| 2 | 2014-15 | NBA | 1230 | 242 | 37.5 | 83.6 | 7.8 | 22.4 | 17.1 | 22.8 | 10.9 | 32.4 | 43.3 | 22 | 7.7 | 4.8 | 14.4 | 20.2 | 100 | 0.449 | 0.35 | 0.75 | |
| 3 | 2013-14 | NBA | 1230 | 242 | 37.7 | 83 | 7.7 | 21.5 | 17.8 | 23.6 | 10.9 | 31.8 | 42.7 | 22 | 7.7 | 4.7 | 14.6 | 20.7 | 101 | 0.454 | 0.36 | 0.756 | |
| 4 | 2012-13 | NBA | 1229 | 241.9 | 37.1 | 82 | 7.2 | 20 | 16.7 | 22.2 | 11.2 | 31 | 42.1 | 22.1 | 7.8 | 5.1 | 14.6 | 19.8 | 98.1 | 0.453 | 0.359 | 0.753 | |
| 5 | 2011-12 | NBA | 990 | 241.9 | 36.5 | 81.4 | 6.4 | 18.4 | 16.9 | 22.5 | 11.4 | 30.8 | 42.2 | 21 | 7.7 | 5.1 | 14.6 | 19.6 | 96.3 | 0.448 | 0.349 | 0.752 | |
| 6 | 2010-11 | NBA | 1230 | 241.9 | 37.2 | 81.2 | 6.5 | 18 | 18.6 | 24.4 | 10.9 | 30.5 | 41.4 | 21.5 | 7.3 | 4.9 | 14.3 | 20.7 | 99.6 | 0.459 | 0.358 | 0.763 | |
| 7 | 2009-10 | NBA | 1230 | 241.7 | 37.7 | 81.7 | 6.4 | 18.1 | 18.6 | 24.5 | 11 | 30.8 | 41.7 | 21.2 | 7.2 | 4.9 | 14.2 | 20.9 | 100.4 | 0.461 | 0.355 | 0.759 | |
| 8 | 2008-09 | NBA | 1230 | 241.7 | 37.1 | 80.9 | 6.6 | 18.1 | 19.1 | 24.7 | 11 | 30.3 | 41.3 | 21 | 7.3 | 4.8 | 14 | 21 | 100 | 0.459 | 0.367 | 0.771 | |
| 9 | 2007-08 | NBA | 1230 | 241.5 | 37.3 | 81.5 | 6.6 | 18.1 | 18.8 | 24.9 | 11.2 | 30.8 | 42 | 21.8 | 7.3 | 4.7 | 14.1 | 21 | 99.9 | 0.457 | 0.362 | 0.755 | |
| 10 | 2006-07 | NBA | 1230 | 242.2 | 36.5 | 79.7 | 6.1 | 16.9 | 19.6 | 26.1 | 11.1 | 29.9 | 41.1 | 21.3 | 7.2 | 4.6 | 15.1 | 22.2 | 98.7 | 0.458 | 0.358 | 0.752 | |
| 11 | 2005-06 | NBA | 1230 | 242.1 | 35.8 | 79 | 5.7 | 16 | 19.6 | 26.3 | 11.2 | 29.8 | 41 | 20.6 | 7.2 | 4.7 | 14.4 | 22.8 | 97 | 0.454 | 0.358 | 0.745 | |
| 12 | 2004-05 | NBA | 1230 | 241.9 | 35.9 | 80.3 | 5.6 | 15.8 | 19.7 | 26.1 | 12 | 29.8 | 41.9 | 21.3 | 7.5 | 4.9 | 14.5 | 22.6 | 97.2 | 0.447 | 0.356 | 0.756 | |
| 13 | 2003-04 | NBA | 1189 | 241.7 | 35 | 79.8 | 5.2 | 14.9 | 18.2 | 24.2 | 12.1 | 30.1 | 42.2 | 21.3 | 7.9 | 5.1 | 15 | 21.4 | 93.4 | 0.439 | 0.347 | 0.752 | |
| 14 | 2002-03 | NBA | 1189 | 242 | 35.7 | 80.8 | 5.1 | 14.7 | 18.5 | 24.4 | 12 | 30.3 | 42.3 | 21.5 | 7.9 | 5 | 14.9 | 21.8 | 95.1 | 0.442 | 0.349 | 0.758 | |
| 15 | 2001-02 | NBA | 1189 | 241.7 | 36.2 | 81.3 | 5.2 | 14.7 | 17.9 | 23.8 | 12.2 | 30.2 | 42.4 | 21.9 | 7.8 | 5.2 | 14.5 | 21.2 | 95.5 | 0.445 | 0.354 | 0.752 | |
| 16 | 2000-01 | NBA | 1189 | 242 | 35.7 | 80.6 | 4.8 | 13.7 | 18.6 | 24.9 | 12 | 30.5 | 42.5 | 21.8 | 7.8 | 5.3 | 15 | 22.3 | 94.8 | 0.443 | 0.354 | 0.748 | |
| 17 | 1999-00 | NBA | 1189 | 241.5 | 36.8 | 82.1 | 4.8 | 13.7 | 19 | 25.3 | 12.4 | 30.5 | 42.9 | 22.3 | 7.9 | 5.2 | 15.5 | 23.3 | 97.5 | 0.449 | 0.353 | 0.75 | |
| 18 | 1998-99 | NBA | 725 | 241.8 | 34.2 | 78.2 | 4.5 | 13.2 | 18.8 | 25.8 | 12.6 | 29.1 | 41.7 | 20.7 | 8.4 | 5 | 15.3 | 22.2 | 91.6 | 0.437 | 0.339 | 0.728 | |
| 19 | 1997-98 | NBA | 1189 | 241.9 | 35.9 | 79.7 | 4.4 | 12.7 | 19.4 | 26.3 | 13.1 | 28.5 | 41.5 | 22 | 8.4 | 5.1 | 15.5 | 22.4 | 95.6 | 0.45 | 0.346 | 0.737 | |
| 20 | 1996-97 | NBA | 1189 | 241.9 | 36.1 | 79.3 | 6 | 16.8 | 18.7 | 25.3 | 12.7 | 28.4 | 41.1 | 22 | 8.2 | 4.9 | 15.7 | 22.1 | 96.9 | 0.455 | 0.36 | 0.738 | |
| Rk | Season | Lg | G | Per Game MP | Per Game FG | Per Game FGA | Per Game 3P | Per Game 3PA | Per Game FT | Per Game FTA | Per Game ORB | Per Game DRB | Per Game TRB | Per Game AST | Per Game STL | Per Game BLK | Per Game TOV | Per Game PF | Per Game PTS | Shooting FG% | Shooting 3P% | Shooting FT% | Ad Ply |
| 21 | 1995-96 | NBA | 1189 | 241.6 | 37 | 80.2 | 5.9 | 16 | 19.5 | 26.4 | 12.6 | 28.6 | 41.3 | 22.7 | 8 | 5.1 | 15.8 | 23 | 99.5 | 0.462 | 0.367 | 0.74 | |
| 22 | 1994-95 | NBA | 1107 | 241.9 | 38 | 81.5 | 5.5 | 15.3 | 19.9 | 27.1 | 13 | 28.5 | 41.6 | 23.4 | 8.3 | 5.2 | 15.9 | 23.5 | 101.4 | 0.466 | 0.359 | 0.737 | |
| 23 | 1993-94 | NBA | 1107 | 241.1 | 39.3 | 84.4 | 3.3 | 9.9 | 19.6 | 26.6 | 13.9 | 29.1 | 43 | 24.4 | 8.9 | 5.2 | 16 | 22.2 | 101.5 | 0.466 | 0.333 | 0.734 | |
| 24 | 1992-93 | NBA | 1107 | 241.7 | 40.7 | 86 | 3 | 9 | 20.9 | 27.7 | 13.8 | 29.3 | 43.1 | 24.7 | 8.6 | 5.2 | 15.9 | 23.2 | 105.3 | 0.473 | 0.336 | 0.754 | |
| 25 | 1991-92 | NBA | 1107 | 241.8 | 41.3 | 87.3 | 2.5 | 7.6 | 20.2 | 26.7 | 14.4 | 29.3 | 43.7 | 24.5 | 8.6 | 5.5 | 15.6 | 23.2 | 105.3 | 0.472 | 0.331 | 0.759 | |
| 26 | 1990-91 | NBA | 1107 | 241.8 | 41.4 | 87.2 | 2.3 | 7.1 | 21.3 | 27.9 | 14 | 29.3 | 43.3 | 24.7 | 8.6 | 5.3 | 16 | 23.2 | 106.3 | 0.474 | 0.32 | 0.765 | |
| 27 | 1989-90 | NBA | 1107 | 241.5 | 41.5 | 87.2 | 2.2 | 6.6 | 21.8 | 28.5 | 13.8 | 29.3 | 43.1 | 24.9 | 8.5 | 5.1 | 16.1 | 23.3 | 107 | 0.476 | 0.331 | 0.764 | |
| 28 | 1988-89 | NBA | 1025 | 241.5 | 42.5 | 89 | 2.1 | 6.6 | 22.1 | 28.8 | 14.5 | 29.4 | 43.9 | 25.6 | 9.1 | 5.3 | 17.2 | 23.7 | 109.2 | 0.477 | 0.323 | 0.768 | |
| 29 | 1987-88 | NBA | 943 | 241.3 | 42.1 | 87.7 | 1.6 | 5 | 22.3 | 29.1 | 14.2 | 29.2 | 43.4 | 25.8 | 8.5 | 5.4 | 16.7 | 24.1 | 108.2 | 0.48 | 0.316 | 0.766 | |
| 30 | 1986-87 | NBA | 943 | 241.6 | 42.6 | 88.8 | 1.4 | 4.7 | 23.2 | 30.5 | 14.7 | 29.3 | 44 | 26 | 8.6 | 5.5 | 17 | 24.5 | 109.9 | 0.48 | 0.301 | 0.763 | |
| 31 | 1985-86 | NBA | 943 | 241.6 | 43.2 | 88.6 | 0.9 | 3.3 | 22.9 | 30.3 | 14.1 | 29.4 | 43.6 | 26 | 8.8 | 5.3 | 17.8 | 25.2 | 110.2 | 0.487 | 0.282 | 0.756 | |
| 32 | 1984-85 | NBA | 943 | 241.4 | 43.8 | 89.1 | 0.9 | 3.1 | 22.4 | 29.4 | 14.3 | 29.2 | 43.5 | 26.3 | 8.5 | 5.3 | 17.9 | 24.9 | 110.8 | 0.491 | 0.282 | 0.764 | |
| 33 | 1983-84 | NBA | 943 | 242 | 43.5 | 88.4 | 0.6 | 2.4 | 22.6 | 29.7 | 14.2 | 28.8 | 43 | 26.2 | 8.5 | 5.3 | 17.9 | 25.8 | 110.1 | 0.492 | 0.25 | 0.76 | |
| 34 | 1982-83 | NBA | 943 | 241.3 | 43.5 | 89.7 | 0.5 | 2.3 | 20.9 | 28.3 | 14.8 | 29.6 | 44.5 | 25.9 | 8.9 | 5.6 | 19.1 | 25.6 | 108.5 | 0.485 | 0.238 | 0.74 | |
| 35 | 1981-82 | NBA | 943 | 241.6 | 43.3 | 88.2 | 0.6 | 2.3 | 21.3 | 28.6 | 14.3 | 29.1 | 43.5 | 25.2 | 8.5 | 5.4 | 17.7 | 26.2 | 108.6 | 0.491 | 0.262 | 0.746 | |
| 36 | 1980-81 | NBA | 943 | 241.4 | 43 | 88.4 | 0.5 | 2 | 21.7 | 28.9 | 14.5 | 28.9 | 43.5 | 25.5 | 9 | 5.3 | 18.7 | 25.1 | 108.1 | 0.486 | 0.245 | 0.751 | |
| 37 | 1979-80 | NBA | 902 | 241.8 | 43.6 | 90.6 | 0.8 | 2.8 | 21.3 | 27.8 | 15.1 | 29.9 | 44.9 | 25.8 | 9.4 | 5.3 | 18.9 | 24.4 | 109.3 | 0.481 | 0.28 | 0.764 | |
| 38 | 1978-79 | NBA | 902 | 241.1 | 44.5 | 91.7 | | | 21.3 | 28.3 | 14.8 | 30.4 | 45.2 | 25.8 | 9.1 | 5.4 | 19.8 | 25.3 | 110.3 | 0.485 | | 0.752 | |
| 39 | 1977-78 | NBA | 902 | 241.8 | 43.6 | 92.9 | | | 21.4 | 28.4 | 15 | 32.1 | 47.1 | 25 | 9.6 | 5.1 | 20.1 | 25.2 | 108.5 | 0.469 | | 0.752 | |
| 40 | 1976-77 | NBA | 902 | 241 | 42.8 | 92 | | | 20.8 | 27.7 | 15 | 32.1 | 47.1 | 23.9 | 9.4 | 5.1 | 20.6 | 25.2 | 106.5 | 0.465 | | 0.751 | |
| Rk | Season | Lg | G | Per Game MP | Per Game FG | Per Game FGA | Per Game 3P | Per Game 3PA | Per Game FT | Per Game FTA | Per Game ORB | Per Game DRB | Per Game TRB | Per Game AST | Per Game STL | Per Game BLK | Per Game TOV | Per Game PF | Per Game PTS | Shooting FG% | Shooting 3P% | Shooting FT% | Ad Ply |
| 41 | 1975-76 | NBA | 738 | 241.4 | 42.1 | 91.7 | | | 20.2 | 26.9 | 14.4 | 33 | 47.4 | 23 | 8.9 | 4.4 | 19.8 | 24.8 | 104.3 | 0.458 | | 0.751 | |
| 42 | 1974-75 | NBA | 738 | 241.4 | 41.7 | 91.1 | | | 19.6 | 25.2 | 14.2 | 32.9 | 47.1 | 23.8 | 8.8 | 4.3 | 19.8 | 24.3 | 102.6 | 0.457 | | 0.765 | |
| 43 | 1973-74 | NBA | 697 | 241 | 43.1 | 93.9 | | | 19.3 | 25.4 | 14.7 | 33.5 | 48.2 | 24.6 | 8.7 | 4.7 | 20.8 | 23.8 | 105.7 | 0.459 | | 0.771 | |
| 44 | 1972-73 | NBA | 697 | 240.9 | 44.2 | 96.9 | | | 19.2 | 25.3 | | | 50.6 | 25.2 | | | | 22.8 | 107.6 | 0.456 | | 0.758 | |
| 45 | 1971-72 | NBA | 697 | 241.1 | 43.4 | 95.5 | | | 23.3 | 31.2 | | | 51.1 | 24.1 | | | | 23.6 | 110.2 | 0.455 | | 0.748 | |
| 46 | 1970-71 | NBA | 697 | 241 | 44 | 98 | | | 24.3 | 32.7 | | | 53.1 | 24.3 | | | | 24.4 | 112.4 | 0.449 | | 0.745 | |
| 47 | 1969-70 | NBA | 574 | 241.6 | 45.7 | 99.4 | | | 25.3 | 33.7 | | | 52.9 | 24.7 | | | | 25.1 | 116.7 | 0.46 | | 0.751 | |

For 2nd visualization:

Sample data set included in zipped file.

For 3rd visualization:

http://www.basketball-reference.com/players/c/curryr01.html#all_advanced

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
|---------------|-----|--------|-----|-----|-----|-------|------|-------|-------|-------|------|------|-----|------|------|------|------|------|
| Season | Age | Tm | Lg | Pos | G | MP | PER | TS% | 3PAr | FT% | ORB% | DRB% | | AST% | STL% | BLK% | TOV% | USG% |
| 2009-10 | | 21 GSW | NBA | PG | 80 | 2896 | 16.3 | 0.568 | 0.332 | 0.175 | 1.8 | 12 | 6.8 | 24.6 | 2.5 | 0.5 | 16.5 | 21.8 |
| 2010-11 | | 22 GSW | NBA | PG | 74 | 2489 | 19.4 | 0.595 | 0.325 | 0.216 | 2.3 | 10.9 | 6.5 | 28.1 | 2.2 | 0.6 | 16.4 | 24.4 |
| 2011-12 | | 23 GSW | NBA | PG | 26 | 732 | 21.2 | 0.605 | 0.409 | 0.159 | 2.3 | 11.3 | 6.8 | 32.3 | 2.8 | 0.8 | 17 | 24 |
| 2012-13 | | 24 GSW | NBA | PG | 78 | 2983 | 21.3 | 0.589 | 0.432 | 0.21 | 2.3 | 9.1 | 5.8 | 31.1 | 2.1 | 0.3 | 13.7 | 26.4 |
| 2013-14 8"... | | 25 GSW | NBA | PG | 78 | 2846 | 24.1 | 0.61 | 0.445 | 0.252 | 1.8 | 10.9 | 6.4 | 39.9 | 2.2 | 0.4 | 16.1 | 28.3 |
| 2014-15 8"... | | 26 GSW | NBA | PG | 80 | 2613 | 28 | 0.638 | 0.482 | 0.251 | 2.4 | 11.4 | 7 | 38.6 | 3 | 0.5 | 14.3 | 28.9 |
| 2015-16 8"... | | 27 GSW | NBA | PG | 73 | 2487 | 31.4 | 0.671 | 0.553 | 0.258 | 2.9 | 13.6 | 8.5 | 33.1 | 3 | 0.4 | 13 | 32.5 |
| Career | | | NBA | | 489 | 17046 | 23.1 | 0.614 | 0.435 | 0.227 | 2.2 | 11.3 | 6.8 | 32.5 | 2.5 | 0.5 | 15 | 26.8 |