NBA Shot Visualization

Peter Beshai
CPSC 547 Project
Dec. 12, 2014
| Player          | POS | MIN  | FGM-A | 3PM-A | FTM-A | +/- | OFF | DEF | TOT | AST | PF | ST | TO | BS | BA | PTS |
|-----------------|-----|------|-------|-------|-------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|
| W. Johnson      | F   | 27:57| 2-6   | 2-5   | 0-0   | -30 | 0   | 3   | 3   | 1   | 0   | 1  | 0  | 1  | 0  | 6  |
| C. Boozer       | F   | 25:34| 5-9   | 0-0   | 0-0   | -20 | 2   | 6   | 8   | 0   | 3   | 1  | 2  | 0  | 1  | 10 |
| J. Hill         | C   | 23:21| 3-6   | 0-0   | 2-2   | -18 | 1   | 5   | 6   | 0   | 0   | 0  | 0  | 0  | 0  | 8  |
| K. Bryant       | G   | 34:11| 8-22  | 2-6   | 11-14 | -30 | 0   | 4   | 4   | 3   | 4   | 1  | 4  | 0  | 1  | 29 |
| J. Lin          | G   | 21:23| 0-10  | 0-6   | 0-0   | -18 | 2   | 2   | 4   | 5   | 2   | 0  | 4  | 1  | 1  | 0  |
| E. Davis        |     | 22:26| 1-2   | 0-0   | 2-3   | -44 | 3   | 5   | 8   | 0   | 5   | 1  | 0  | 1  | 0  | 4  |
| R. Price        |     | 26:37| 4-4   | 3-3   | 0-0   | +2  | 0   | 2   | 2   | 4   | 3   | 2  | 2  | 0  | 0  | 11 |
| N. Young        |     | 24:29| 7-14  | 8-8   | 2-2   | +7  | 0   | 2   | 2   | 2   | 2   | 1  | 1  | 1  | 0  | 21 |
| R. Sacre        |     | 20:13| 3-9   | 0-0   | 0-0   | +9  | 1   | 4   | 5   | 3   | 1   | 0  | 0  | 2  | 0  | 6  |
| W. Ellington    |     | 13:49| 0-3   | 0-1   | 0-0   | +14 | 0   | 1   | 1   | 0   | 1   | 0  | 0  | 0  | 0  | 0  |
| J. Clarkson     |     | DNP  |       |       |       |     |     |     |     |     |     |    |    |    |    |    |    |
| X. Henry        |     | NWT  |       |       |       |     |     |     |     |     |     |    |    |    |    |    |    |
| R. Kelly        |     | NWT  |       |       |       |     |     |     |     |     |     |    |    |    |    |    |    |

| Total           | 240 | 33-85 | 12-29 | 17-21 | 9  | 34  | 43  | 16  | 20  | 8  | 13  | 6  | 3  | 95 |

- TEAM REBS: 6
- TOTAL TO: 13

- 38.5% 41.4% 81.0%
KEVIN DURANT

GRANTLAND

Regular Season 2013-14

Kirk Goldsberry at Grantland
Improvements

- Player selection
- Clarity of visualization
- Filtering shot charts

New Features

- New visualizations
- Player comparison
- League trends
425 shots per player in 2013
DATA DERIVATION

Field Goal % Average, Weighted

1’ x 1’ Grid       Distance from basket
Enjoy basketball stats and visualizations

Share basketball visualizations
Discover shot distributions

Compare shot distribution against league, position

Compare shooting stats against each team

Player View
Compare player shot distributions
Discover shot distributions of league, position, team

Compare team shot distributions
Demo
Discover and compare shot distributions

Player View, Compare View, League View

Focus on fan enjoyment, casual analysts
Discover and compare shot distributions
Player View, Compare View, League View
Focus on fan enjoyment, casual analysts

Thanks!

so peterbeshai.com/buckets by @pbesh is the coolest and if playing with it doesn't bring you joy I can't help you.

[-] ripcity TrustMeImARedDoctor 3 points 4 days ago

seriously this is incredible. I don't have enough time in my life to explore everything on here.

[-] duddles 1 point 4 days ago

Awesome - I'd give you an A+

E sick!
December 5 at 10:09am · Like

M Wow, this looks amazing! And the graphs are very interesting to see.
December 5 at 10:09am · Like

R Great! Should get lots of buzz
December 5 at 10:18am · Like

A Peter! This is wonderful!!!
December 5 at 11:10am · Like

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