

Shootin' Straight

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Shootin' Straight creates 3D NBA shooting charts. Shooting charts are a great way to visualize where and how professional basketball players shoot the ball. Shootin' Straight takes the standard 2D scatter plot data and adds a third dimension that conveys more information in a way that is easily visually consumable. For example, in a standard shooting chart the color of a point might indicate the player's efficiency. In Shootin' Straight, greater efficiency is indicated by a taller 3D bar and the color of the bar. This literal and figurative extension of shooting charts has been little explored thus far. Shootin' Straight pulls shooting data from nba.com and visualizes them using Python and matplotlib in innovative ways. Shootin' Straight provides a foundation for future forays into basketball data visualizations.