



This heatmap visualizes the distribution of goals scored by players across the 2016-17 Premier League season. The x-axis represents the match number (1 to 9), and the y-axis represents the player's total goals (12 to 21). The color scale indicates the number of goals scored, with dark blue representing low goal counts and light yellow representing high goal counts.

Key observations from the heatmap include:

- High goal scorers (yellow/orange) are concentrated in the lower right quadrant, indicating that players with high total goals scored more goals in later matches.
- There is a significant concentration of goals in the first half of the season (matches 1-5), particularly for players with lower total goals (12-15).
- The heatmap shows a clear trend where players who scored more goals in earlier matches tended to score fewer goals in later matches, suggesting a regression towards the mean.

