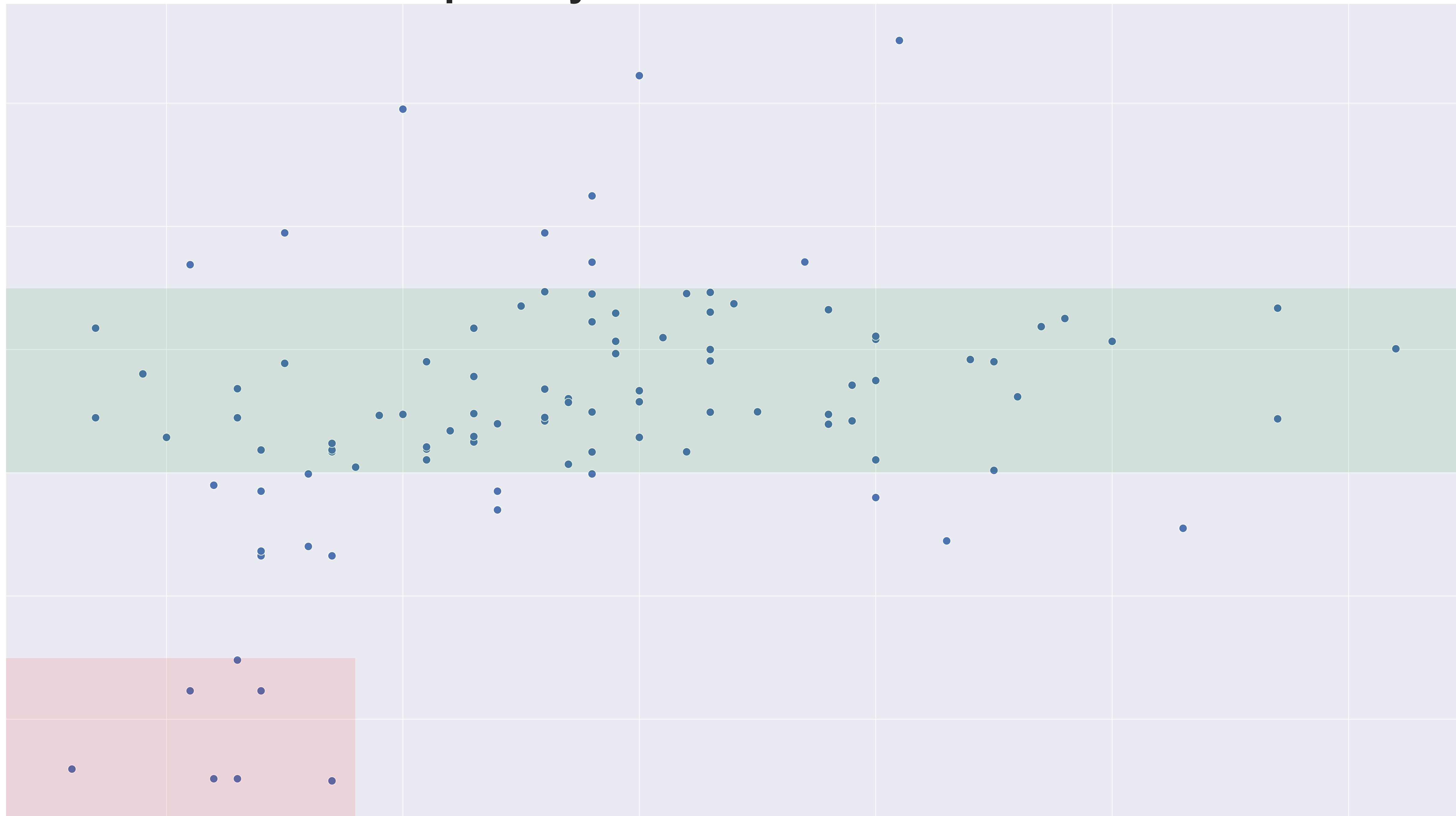


# Popularity and Duration correlation

Duration (min)



## A brief review of the visualization

The Pearson correlation coefficient of the two variables is 0.36, so there is a weak correlation between them. It is possible to see that the correlation is weak, because most of the songs are between three and four and a half minutes long, but their popularity ranges from just under 40 to almost 100.

The correlation, although weak, does exist, as can be seen in the red rectangle where all the songs with less than a minute and a half have a popularity below the average (57.3).

The main conclusions to be drawn are that very short songs should be avoided and the ideal interval for a song is, in general, 3 to 4 and a half minutes, as this is the length of most songs, popular or not.