
0.0.1 Question 4b

Create two line plots below. The first should show the relationship between the number of votes vs runtime; and the second will show the relationship between average rating and runtime. Use the columns from the table generated in the previous part, `res_q4`. If your SQL query is correct you should get some interesting plots below. This might explain why directors keep going with a particular range of runtimes.

Note: Please use `sns` or `plt` functions as plotly `px` will not export well to the PDF. Please include desciptive titles and labels.

```
In [88]: plt.figure(figsize=(10, 4))
         plt.subplot(1, 2, 1) # DO NOT MODIFY THIS LINE
         sns.lineplot(data=res_q4, x='runtimeBin', y='averageNumVotes')
         plt.title('average number of votes vs runtime bin')
         plt.xlabel('runtime bin')
         plt.ylabel('average number of votes')

         plt.subplot(1, 2, 2) # DO NOT MODIFY THIS LINE
         sns.lineplot(data=res_q4, x='runtimeBin', y='averageRating')
         plt.title('average rating vs runtime bin')
         plt.xlabel('average rating')
         plt.ylabel('runtime bin')
         ;
```

```
Out[88]: ''
```